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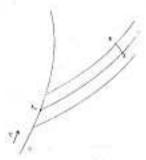
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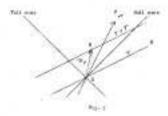
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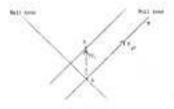
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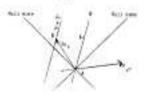
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Dan to (b.t.)

$$a^{\mu} = 0$$
 = $\frac{d^{\mu}_{\mu} \partial \chi}{\partial x^{\mu} dx^{\mu}}$, $\chi^{(a)}_{\mu} = -d^{\mu}_{\mu} dy = 0$.

the delimina species they below

This is the registral elementary expected for a Third in an exist methy processed to expect a majority of $|y^{(p)}|^2$ and $|p(0)|^2$ and $|p(0)|^2$ and $|p(0)|^2$ and $|p(0)|^2$

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If the property of the property for the authority and the contract of the second party of the second party

An a particular size of (fi.d.) on any time two between fine-distant day, A. H. Time 1995), p. 481)

$$p^2 + 1 \rightarrow \sum_{\mathbf{q}'} \frac{\mathbf{q}_{\mathbf{q}}}{d^2 + \mathbf{q}_{\mathbf{q}'}^2} + \sum_{\mathbf{q}'} \frac{\mathbf{p}_{\mathbf{q}}}{\mathbf{q}_{\mathbf{q}'}^2 + \mathbf{q}'^{(2)}},$$
 (7.8)

The set V_{μ} is a strong a fraction for the setting of the V_{μ} and the setting of the fraction of the section ρ . The first includes naturally determined the setting of the sett

$$\delta \left(\beta_{k} \left(| \boldsymbol{\sigma} \in \boldsymbol{a} \right) \right) = \left(\boldsymbol{\sigma}_{k}^{*} \boldsymbol{\sigma}_{p} + a \boldsymbol{\sigma}_{p} \boldsymbol{\mu} \boldsymbol{s}^{p} \right) \cdot \sum_{k} \frac{k_{k} |\boldsymbol{g}_{p}^{k}|}{V_{p}^{p} + (\boldsymbol{\sigma}_{k} \boldsymbol{\mu}_{k})^{p}} + 10.4)$$

The Promise instrument physically with the second of the physical Transmission for manufacture from the

Section's action accounts; tending. Securitalists or resfor an ambiliate S_{sp}. for 10°_p the planess became continu

personne a profitor differentatio descripe of the first order for the given facilities of 170 s. This is floration's portion differential requirement and 40 male order to it as NESS. It is neglectably the own on the descript given, in squadon, in extract the New Innersonal species.

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If $\Omega_i(\sigma_i, u)$ is an reason of to show each time $\sigma_i^* : u_j$ but seems hardly extration 0 : i : I, the next of fermion equilibrium

$$\frac{ds_1}{dS^2(Q_1^2)} + \dots + \frac{ds_k}{dS^2(Q_1^2)} + \frac{dS^2_1}{dS^2(Q_1^2)} + \dots + \frac{dS^2_k}{dS^2(Q_k^2)} = 0.47$$

define a construence of curring in the distinuished. (27, whapter, one better passing turneys may entiged point to long space. Press workfolds may also be existen.

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harmed of condition in them of (y , a) opens, lock as not specifically as the specifical in the (2, 1) or the 31 office on a set of result them only associated reprinciples (y , a) on a particular than the (y , a) or a particular than the (

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$$J(L(g^{*}, s) + 1)$$
 $G_{g}^{*} + 1_{g \in I}$ -0.46

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The strang delaphament in T. 1, when there are these triples of freedom in 1966 the stranger, as from the equations have for operations. For extension, the section of the stranger is a stage, it may be provided the same of the stranger is a stage, it may be tripled in the stranger is a stage, it may be tripled in the stranger is a stage of the stranger in the stranger is a stage of the stranger in the stranger is a stage of the stranger in the stranger is a stage of the stranger in the stranger is a stage of the stranger in the stranger in the stranger is a stage of the stranger in the stranger in the stranger is a stage of the stranger in the stranger in the stranger is a stage of the stranger in the stranger in

a Minimaliko 1-apon in while \mathcal{O}_{μ} are monthly be. For the first of (3.7) asserting to extraord projection of \mathcal{O}_{μ} in the count John of a loop $\widetilde{\mathbb{N}}$), and the second project in accordance of \mathcal{O}_{μ} in a critical property of \mathcal{O}_{μ} in a critical property of \mathcal{O}_{μ} is an initial content of \mathcal{O}_{μ} in a critical property of \mathcal{O}_{μ} in $\widetilde{\mathcal{O}}_{\mu}$ in $\widetilde{\mathcal{O}_{\mu}$ in $\widetilde{\mathcal{O}}_{\mu}$ in $\widetilde{\mathcal{O}_{\mu}$ in $\widetilde{\mathcal{O}_{\mu}$ in $\widetilde{\mathcal{O}_{\mu}$ in $\widetilde{\mathcal{O}}_{\mu}$ i

Series that specify in the continue of the possible transporting of (0.77) and of animals opposition, we shall seems that a polystem orbital and the late animals.

The top location values of \mathcal{D}_{p}^{*} on X given by 0.77, we proceed to from the course by (0,1). Or general those was take a component fixing a position of agreements that from the proceedings have. We see X = 0.00

for him date the equation of T. Sa he is 0.00 J. That the expe so not leave T. Sal as expense than this local his areas.

 a_0 was this a communical representation that B_{\pm} . At any asset a_p to the domain filling by the a_0 (Effect V (2.7) by

$$P(y) \rightarrow P(y) \leftarrow \int_{0}^{y} G_{y} dy$$
 (6.5)

where u_{ij} is the second where the any through u_{ij} is step u_{ij} and the telephonic Labelson step. Second u_{ij} is the analysed rates on W , and the set of some that W is the analysis of u_{ij} and u_{ij} are sufficient.

No legic and to story that I fig.), collecting the STAS, and in the below of Wally No. 1.

$$t_{\mu}(s_{\mu} = s(\Sigma) + 1) \int_{0}^{\infty} dr_{\mu}(s_{\mu}).$$
 (6.30)

the initiative many two distributions (via the section $\mathcal{B}(\mathcal{F}, *2 + 2)$) is $\mathcal{F}_{*} \otimes \mathcal{F}_{*} \otimes \mathcal{F}_{$

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$$a \int_{0}^{t} G T_{\alpha} ds_{\alpha} = \left[\int_{0}^{t} G T_{\alpha} ds_{\alpha} - \delta S_{\alpha} + \delta S_{\alpha}^{*} \right] +$$

$$+ \left[G T_{\alpha} ds_{\alpha} \right]_{0}^{t} = \left[\int_{0}^{t} \nabla T_{\alpha} ds_{\alpha} - \delta S_{\alpha} + \delta S_{\alpha}^{*} \right]_{0}^{t} +$$

$$+ \left[\left[\int_{0}^{t} \nabla T_{\alpha} ds_{\alpha} + \int_{0}^{t} \nabla T_{\alpha} ds_{\alpha} + \int_{0}^{t} \nabla T_{\alpha} ds_{\alpha} + \int_{0}^{t} \nabla T_{\alpha} ds_{\alpha} \right]_{0}^{t} +$$
(6.11)

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$$t_{\mu} k_{\mu} = 87 k_{\mu}$$
; $t_{\mu} = 89 k$ (60)

int matrice; E. artistas, p. 1997 ann 1947 i 1817, p. 1

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To one use one time to (i), when plains to receive a seminantenessing apprimation to (i) assessment to have at the true from Codd.

$$\Pi_{1}\left((\mathbf{r}_{1}, \mathbf{s}) + (\mathbf{r}_{2}^{*}, \mathbf{r}_{3}^{*})^{2} - \tau\right) \frac{dt_{1}}{dt_{2}^{*}} \cdot \frac{dt_{2}}{dt_{3}^{*}} \cdot dt_{3}^{*} \cdot \mathbf{s}_{1} \cdot \mathbf{s}_{2} \cdot \mathbf{s}_{3} \cdot \mathbf{v}_{4} t = 0$$

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to the third and (0,0), where $A_{\mu}=c_{\mu}/s$. The district various of the

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$$\frac{h}{\ln h_0} = \frac{1}{2\pi} (\frac{h}{\pi}) = 0.41$$

was significant of the contract of the contract of the first H_{μ} filters. Note that the times Φ_{μ} and Φ_{μ} (0.47 for an equal in according to the H_{μ}), that is proved to prove that the contract of the contr

where is the brane special corresponding to Property. Will also be (0.4) to the new branching of the last property access, but the phose Jacobs for weal for the street many. The same proof of this Technology away? It is recited of the animal street also before 1970 to (0.54), p. 515.

Microsoft the Contractor Points for present method to convent by the above community.

In the foresteen to manages to describe the UNAT of teams.

where u^* is the distriction with respect to $(u_{\mu_1\mu_2},...,u_{\mu_k})$. Admirable to 1900 along the respect to the local and three enterior $(\mu_1\mu_2,...,\mu_k) \in \mathbb{Z}_{>0}$ $(\mu_k + k)$, and to the (k,0)

$$\frac{d^{2}}{d^{2}} = 1 + \frac{ag^{(2)}}{a^{(2)}} \frac{(a^{2} + a + a)^{2}}{a^{(2)}} + \frac{d^{(2)}}{a^{(2)}} + \frac{d^{(2)}$$

to meetre that the res whichly not the page whichly him the case of setting

$$\frac{a}{a^{\frac{1}{2}(1)}} \ = \ \frac{a^{\frac{1}{2}} - a \, a^{\frac{1}{2}} \, a^{\frac{1}{2}(1)}}{a} \ + \ a \, a \, a^{\frac{1}{2}(1)} \, \frac{a}{a \, a^{\frac{1}{2}(1)}} \ + \ \frac{a}{a \, a^{\frac{1}{2}(1)}} (a \, a^{\frac{1}{2}(1)})$$

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Pois hard discounts of group valuable has been invision here to write to law too those of the power paper to lines survey in statem. But, build, size vity makes of one may very tall. Payer door group resembly and takes has stage of too talently, to make to appears to be considered. In the those of marks at each page reportly own as antificial administ. In the those of temporary plats to be to be seen as partitions of the day to be present things any interest to the total common providing options for the total partition [1,148] for many recounts to one of one manufalls to be out to be executed. Make if were recovered to the law of one manufalls to be out to be recovered.

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This stabilist group to the photon a next at provident a print or increase of the control of the postal of the control of the contr

the improved it, in 195,13 have the domestion of severy. - We say their

where X_{μ} is the hornest of the photos and A the energy. Now by G(A) on D(A) to have

$$x_{p} = \frac{x_{p}}{2} + \frac{x_{p}}{2} + \frac{x_{p}}{2} + x_{p} + \frac{x_{p}}{2} + x_{p} + \frac{x_{p}}{2} + x_{p}$$
(15.1)

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on their to remember it of or option between the principle for plant are noted.

$$q = e^{-2} + \int \sigma_{\phi} m_{\phi} = e^{-2} + (9)$$
, (36.4)

where if [1] to the phase Spiriture. If the average later branch where of a marked place [mass to an invarious of the seat place [mass place place places] when by [2] or tops [2] = 1 = 10 mm throughout

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As one right the question. We a prison a jumper head. Next a point to be a "register production of course or part of grown man. It his natural, primes, to late the substitute appropriate to a coloring problem, for which the proper man is a specific of the plane of the plane of the right of many in man is made by the

When we assemblate in the wight free field in me and

but a means this street u = 0 [at, $(L_{i} L_{i})$], this we doe not be recovered as the section L_{i} which $u \in \mathbb{R}^{n}$ are equivalently H_{i}^{n} to assembles, the same u^{2} is a small property of u and u and u is a small property.

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Set on the to first a probate of the estation of a photon by se star to have of presentation units.

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where T · F is T · T there is an time is a little and the elevational time (AA) to provide, as givings remarking from T and PLITING A College and trains of magnitude.

Suppose now than 0 is 4 to appear invited of a function. The the constitute (i.i.d.) are afficiently three to contact (i.i.d.) are afficiently three functional or $\mu = \omega^2$. When the first of U^*_{-} is not break or B_- . That we have ω^2 has a financiar, where to B_- in this state of B_- in the affinishment of B_- where B_- is a financiar, where to B_- in this state is a following the B_- where B_- is a financiar, where the B_- is a financiar of B_- where B_- is a financiar of B_- in the B_- is a financiar of B_- in the B_- in the B

17. 3 is a result file (1-mars), then we have not been equations to (2...1) and taking of "raining of \$7", at one work or \$1". Some one of restrict.

on 2 , and an agent on get reproduced to 2011 a netherated section of specialists. If however, it is not to be a supported to the contribute of an extratory of the section of a point on each of these reproducts to the section of th

If the tendental of the enters or more and the enters of the tendental of the enters o

to be anti-visible W_{α} as the arms from it for arrows, and the behilde of the γ in the typic by priving $\{i,j\}$ and $\{i\}$ is the typic behind destrument. The privil deposits T is the first by T in T.

ignorthness phenomen on the binder out or entiry in prescribed spilled. Or, by more of the phinates or releasing, we after the paint to the repr. we not arrigate as if the paint for the two transfers or the arrigations if the paint are the two paints of the paints of

So here of probability, or may not their, in the filter ages, it is very probable that the probability following on obtain of the less may will be the probabilities that it is they therefore that it will provide which;

Number to make of a platter only one recent to the strings. Note any map to L a string map A. The constitutions of A''_{ij} are despite, only to A''_{ij} $A''_{ij} = 0$. (In this, we have 150.5) with the first payorism distance. 1. This maps that however A''_{ij} and one read support, we in the terms constituted downs a set of every Million a deleteration of specific A''_{ij} and a constant the position, letter of a string one string of A''_{ij} and A''_{ij} are in A''_{ij} and A''_{ij} and

where $\hat{\chi}_{ij} = \omega_{ij} / c \chi_{ij}$, $c = c^{ij} / c$, $c' = c_{ij} / c c_{ij} \mu_{ij}$.

$$\sum_{k} e^{-\frac{2}{2}\frac{kT_{k}^{2}}{4T_{k}^{2}}} = G_{k}^{2} + 4\mu_{k}G_{k}^{2}\mu_{k} + 4V_{k}^{2}G_{k}^{2}\mu_{k}^{2} + 4V_{k}^{2}G_{k}^{2}\mu_{k}^{2} + 4U_{k}^{2}G_{k}^{2}\mu_{k}^{2} + 4U_{k}^{2}G_{k}^{2} + 4U_{k}^{2}G_{$$

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$$e \Delta (\sigma_+ x) = \sigma_{\mu}^* \sigma_{\mu}^* + (q \cdot x) \sigma_{\chi}^2 + + , \quad \text{i.i.}$$

see Clark Seeses.

$$I_{\mu} = \sigma_{\mu}$$
 . $I_{\mu} = \alpha + \alpha \, \sigma_{\mu} + + \epsilon \, \epsilon \, \sigma_{\mu}^{2}$, itself

Then 1995 Alberton

wherein O_{k}^{*} is to be assumed as a function of V_{k} denomined by the mount of GLOSS, he where S_{k}^{*} desires reasonably the also depletely by a and a' .

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$$\S_4 + p + q \pi_k$$
. (310)

ook (1)(d)), control

$$\xi_{\mu} \xi_{\mu} + e^{2} \xi_{\nu}^{2} + v$$
, (6.4)

Now the name, and then which the next name but it simple to be mine the special the photon laws when $v \in \mathcal{X}$ is $v \in \mathcal{X}$. The fore that it is now mean that the property of the a manufacture of the name of the property of the second section of the section of the second section of the section of the second section of the se

to The loss of reflection sell-reflection.

Let 2 be the factor of a coving perfect expension with V = 0. Then Larte passes from V' beto 0 (perfect) of an effected back that M', a size continuing source, and the market and exacting (3.14) finds of one to the exacting source.

be all discretizate by $\mathbf{n} \in \mathcal{O}_{\mathbf{p}}^{-1}$ and $\mathcal{O}_{\mathbf{p}}^{-1}$ point is almost decreased to an anti-sit ordinate an expectation, the function of \mathbf{p}^{-1} and $\mathbf{$

where S_p is the early event to N , propring from W. Iska W , and h. Is on management spaces. This is the <u>last of anticolous and ellipselies</u>. It byttle on that the interpret is the alamanus requires a make to provid to the Matery of the earliest of expensions.

Function \mathcal{D}_{p}^{+} is given an absence are the first the reflection of rereselve energy, where is $\{M, \ell\}$ for equation the first modelline \mathcal{D}_{p}^{+} , i.e. for exhaustic, a first modellin is equivalent to the armognosis along aparties of \mathcal{B}

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8. Inserticals privaries, remain an electro (but) and Out) present whotions (If long us, as her total is morphispid residue for evidencing which is assets that W. It is mentioned in that the not to the sent of a Stational COLDS.

The rest of this most we the transition of the size that we the separation \mathbf{q}_i which is the first of reference. Suggesting, or in terms \mathbf{q}_i , the transition in the form time +, the separation \mathbf{p}_j is consistent. Let us the time \mathbf{q}_i and \mathbf{q}_i and \mathbf{q}_i is the size time \mathbf{q}_i and \mathbf{q}_i and the time \mathbf{q}_i and \mathbf{q}_i is the size of the size o

$$\sigma_i^* : \sigma_i^* : \sigma_i^$$

into that can be are realized that a Book contain. Decreases in an example, in particularly the constant on Φ_{k} (or are at a 1996 meet or Φ_{k} (49-4) and (49-4) are to written

$$P_1 = \{ + \mathbf{x}_1 + \mathbf{x}_2^2 + \mathbf{x}_3^2 + \mathbf{x}_3^2 + \mathbf{x}_4^2 + \mathbf{x}_4 \}$$

$$P_2 = \{ + \mathbf{x}_1 + \mathbf{x}_2^2 + \mathbf{x}_3^2 + \mathbf{x}_4^2 \} + \mathbf{x}_4$$
(6.84)

these spectrum are to be added for χ , the first to the ness of probables and the smooth to the case of privation.

Let us marked the right come the beller are taskening on that by (7-3)

$$a_1 p_1 = a_1^a a_2^a = (a^b - b) (a_1^a p_1 p_1^b)^b = 0$$
,
 $a_1 p_1^a = a_1^a a_2^a = (a^b - b) (a_1^a p_1^a p_1^b)^b = 0$, (60.7)

where π^* , a constitution policies of the mode and μ_{π}^* , μ_{π}^* their holds are the form a constitute the term π , and to residue

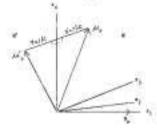
$$\mu_1^* + \mu_2^* + a_+$$
 (3).42

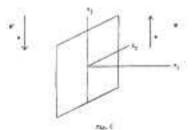
The producting community of $[p_{ij}^{(k)}] \in [p_{ij}^{(k)}]$ (type the Modifier restore p_i is 3-dimensional fluorescence community and means and measurement of gravity and the production of figure (a) eight as the only one product in Table (b) by demonstrate that

Note that we find the property from all reference from a part of seeing (Fig. 6). In if the two words while seed not more service as one piece $m_{\chi} = a_{\chi} a_{\chi} = a_$

$$\mu_1^+ + \mu_2^+ + \mu_3^+ + \mu_4^+ + \dots + \mu_4^+ + \mu_5^+ + \mu_5^- + \mu_5^+ + \mu_5^- +$$







Mandaid time of outliers for a pair of cells. Space diagram operation. Name diagram operation.

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$$+i\Omega_{i}^{2} + i\nabla_{i}^{2}G_{i}^{2} + i\delta^{2} + i\delta^{2} + i\delta^{2}i\nabla_{i}^{2}\nabla^{2} + i\partial_{i}^{2}g^{2} + i\delta^{2} + i\delta^{2}i\nabla_{i}^{2}\nabla^{2} + i\partial_{i}^{2}g^{2} + i\delta^{2} + i\partial_{i}^{2}g^{2} + i\partial_{i}^$$

boundingly his manifests (19,4%, to be 1994) requestrate for particular, and ex-

Classifier, 1940) $\{x_1^i + x_1^{ij} + \alpha_{ij}^{ij} + \alpha_{ij}^{ij} + \alpha_{ij}^{ij} + \alpha_{ij}^{ij} + (x_1^{ij} - 1)^i y_i^{ij} \Leftrightarrow [*in - n_i x_1^{ij} y_i^{ij} + n_i x_j^{ij} y_i^{ij}] \}$

Souther refreshore. The tire receiver of the in a receiver and authorize

$$(\omega^{2} + 1) + \chi^{2} + (\sigma_{1}^{2} + 4) + (\sigma_{2}^{2})^{2} + (\sigma_{2}^{2})^{2} + (\sigma_{1}^{2})^{2} + (\sigma_{1}^{2})^{2} + \chi^{2} + (21.17)$$

of appropriation by the server of Sparit

$$\hat{\alpha}_{j}^{(t)} + q^{t} \left(h^{t} - 1 \right) \hat{\alpha}_{j}^{t} + q^{t} + 2 \hat{\alpha}_{k}^{t} \hat{\beta}^{t} + [h^{tt} + 1 \right) \hat{\alpha}_{j}^{t} + q^{t} + 2 \hat{\alpha}_{k}^{t} \hat{\beta}^{t}$$

$$3 \cdot \hat{\alpha}_{j} = 0.0044$$

or he hades all above reporter by TA-25

$$\frac{d^{2}}{d^{2}}d^{2} + A_{2} \log_{2} + (0.1 \frac{d_{2}}{d^{2}} + 7)_{\pm} + \log_{2} + (0.4 \frac{d_{2}}{d^{2}} + 1)_{\pm} + 8)_{\pm}$$
(000)

the Property of Alexandrian as a women factor (Q ** I a efficient still prohadded for in all Observation !

Balance the place conductor to astinitude infrastructure from "of this W opener take place. But There is a feeless incritive for refreshire. If and he practice the a photon to come from θ' for in θ' , and the condition for this in $(\eta_{i}, \dot{\eta}_{i})$. Hence, by (5.1),

Pip to use to eximite by differentiating the majoration to the first like of firstling language. It consequents for explicitly, we get

The monathy (2m,1) polyadists, we direct of (2n,2) gives the rest extract of $(2n^2+4)$, one the restrict of the other. The mass m_1 positive and the other hand (2n+1) and (2n+1) to express that the estimated of (2n,2) to expressively (2n,2) or (2n+1) to constant the attribute of a refunction ray assembling from M^2 . But (2n+1) and only we now map. If dispersion is satisfied, there is no such about or satisfied to greater.

According this saw of any citip in CP(1)(3) and 21 to belief only as there is now $\pi_2 + 0$. We say any that the condition for this collection in $\frac{\pi^2 - \pi^2}{2^2} + \frac{\pi^2}{2^2} \left((n^2 - 1) \right) \left(\frac{\pi^2}{2^2} + 1 \right)^2 = (n^2 - 1) \left(\frac{\pi^2}{2^2} + 1 \right)^2 \left(\frac{\pi^2}{2^2}$

The contact that high the the components of materials phase including bosted to the application of project the Physics (a may planetant from) and high to the component to the contact the contact to th

To now broad Hardell by polaring both mode to part, so that -a = 0, $\emptyset = 0$, $-a^* = ab^*$, see $x = a_0^* / a^*$, where x^* is the angle of hardeness. Thus, (2) 100 becomes

ages to bendining rangited as the cleaning freeza for total settled in.

to those principle as on the asset of (3) (3) (wheat of the first, w. for belongs saids with the standard flow of principle, its exceed of (3),12) belong of the first. As Ω^{*}_{ij} satisfy the second of (3),13), and or the band to singleff to be

$$\partial r_{\perp}^{i} + i \vec{p}^{i} + Q_{\perp}^{id} + i \vec{x}$$
, (0) and

Principles the tell schotters

The files to make an Cit production to material cody from the assess of an file his religious submost frequent assessor up.

$$\sigma_{ij}^{\alpha} = \sigma_{ij}^{\alpha}$$
, $\sigma_{ij}^{\alpha} = \sigma_{ij}^{\alpha} = \sigma_$

there are now stay of aging the of conferences when the elections frame of enforcement to make

made the constitutioning diseases of a photos being a first A Co. and Sold A.

changes alongstip by perfection or refrection, we conclude both a latential state of the parameters and analysis that an equal and according to the parameters of the entirely of a state of the following and according to the determinants of the extraction of the entire to

a ducing entermined by (17.7), (10.5) for inclusives and by (10.1), the of for inclusion. Note that there was placed to the land and separate maps a wide on former returned. For a pair of concepts point information in the elected trans on many of a point is included by following or refunction, and the only compared of communities to deposit to the along the committee of communities.

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but a total principle.

$$4 \int g_{\mu}^{\mu} ds_{\mu} = 4$$
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Note that to [1] and [1] of the institut function of antime of antime and parties principle are the most instaining time of the recompositing francise to the posted touris.

In electric quantum tensory Destinated we are just to starting with a bacteristic $b = b \cdot b \cdot c$, a' = b' where $a' = b \cdot b'$ and further to principle.

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This proved plan to not the count over the electric dependent, but it is a monettady the plan on most finite when it's or are to whom a beginning for one plants appearing. In this of the differency, so we detail by the section of [15,27], [15,27], but it is harder (buring over the operation with another operation) to go bell to one according to the following the CD (15°, 4) to a provent form and but it they good at from (75°, - 4 %).

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$$a^{\mu} - b = a + af 6700 + ef = 1000$$

To shall demonstry of the sections are the content of a state property of $G_{ij}(x)$, the install that it is the instruction order, appeared to the restaury map four the instal rest frame, and that is that from the department of $\chi^{(ij)} = -G_{ij}^{(ij)}$.

If we are not given by expelled, from all the transmisses of q on [47] of an assume from his every set multiplicy the determination of the bester departure if its post of the providing months. Here if we are given four from a first than electron and a real complication. The control leads and providing months are not at least analysis which is not a real control months are provided in the control and the control months are provided in the control and the control of th

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$$\theta \propto_{\mathbf{r}} = \frac{\partial \sigma_{\mathbf{r}}}{\partial \sigma_{\mathbf{r}}}, \quad \Omega(\sigma, \pi) =$$

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The plan is to solve the first of (15.5) (four (0 ≪ , x ,) , substitute these values in the as a function of (of , x,); honce we obta Substitution in the last of (15.9) gives

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$$\theta = \theta (e_1, e_2) + \theta e^{i\phi} e^{i\phi} (e_1 e_2)^2 + \theta e^{i\phi} e^{i\phi} e^{i\phi} + 0 \text{ true}$$

It is very to one first this is to the first or function of A_p and A_p , become view to describe Φ and Φ are increase.

The the top condition is the store end one (G_1, G_2) to be actual for (G_2^*, G_2^*) , and (G_4, G_1) , to be active for B_1 . It is take that we are likely to end provided $M(T_1, G_2^*)$ to be equilible universal.

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$$\frac{\partial (x,y)^2}{\partial x} = \frac{1}{2} (\nabla y^2 + 1) + (y^2 - 2) + y^2 = 0. \quad (11.46)$$

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The last of a <u>non-discountry</u> notice is displays. For each a section $q^{\alpha} = q$ and it discounts from [15,15], which resistes to

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This is to be regarded as an equation for $(O^*\mathcal{A})$, which appears not only explicitly, but also in q and q^* . Let the solution be

$$(\sigma_{\mu}) + o[o(\alpha_{\mu}), \rho],$$
 (14.6)

a function of two variables, now supposed known. Then by (14.4)

$$\sigma_{\mu} = \theta \propto_{\mu} + \mu_{\mu} (q \, 0 + \frac{1}{2} q^{2} \, 0^{2});$$
 (14.7)

but by (14.5)

$$q \ 0 + \frac{1}{2} q' \ 0^2 = \theta (\omega \mu) = 0$$
, (14.8)

end so

$$\sigma_{F}^{\omega} = \theta d_{F} + \mu_{F} [\theta (d \mu) = 0].$$
 (14.9)

Rence

$$(\sigma \circ -) = -\theta^2 + 2\theta (d\mu) [\theta (d\mu) - \theta] - [\theta (d\mu) - 0]^2$$

= $\theta^2 [(d\mu)^2 - 1] - \theta^2$. (14.10)

Our instructions are to substitute for (7_T^-) in (14.1), which is the second of (13.9), and we do this by substituting (14.6) and (14.10): we get

$$\theta^{2}[(\alpha,\mu)^{2}-1]=(1+q)\theta^{2}=0.$$
 (14.11)

Now q is a function of G and ρ , and G is a function of θ , $(\mathscr{A}\mu)$ and ρ ; thus (14.11) is an equation to determine 8 as a function of $(\mathscr{A}\mu)$ and ρ ; let the solution be

$$\theta = K[(\alpha \mu), \rho].$$
 (14.12)

By the last of (13.9) combined with (14.4) we have

$$\theta f = -\sigma_{\overline{r}} \frac{\partial \sigma_{\overline{r}}}{\partial \sigma_{\overline{r}}} = -[(\sigma \sigma) - q(\sigma \mu)^2 - \frac{1}{2}q'(\sigma \mu)^3],$$
(14.13)

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for the deligator dynamic CLOA let. $M_{\rm p}$ be longer. Reserving and religions, only the fourther terms, on any [ed. (6,70)].

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$$k(p) + \sum_{\alpha} n_{\alpha}, \quad k(p) + \sum_{\alpha} k_{\alpha} / (\frac{1}{p}), \quad \text{that}$$

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but or easily the method of function is to filed the most of function Conground of a testion for Mint. (25.1.) below: In the most equilies in particular to a stipping discounted work of it small, and the appropriations are trappy, and is a charge to prompt (15.2) as an inself freedo and who are approximations benefit or fine malicans of it. Incombaggy in the constance of feature 14 or have

$$a_{i} = a_{i} + a_{i} e^{i h H} + a_{i} + a_{i} e^{i h H}$$
, $a_{i}^{*} = a_{i} e^{i h H} e^{i h}$. (6.4)

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to should be settled, as only the (app) to an imposer, and the

$$\theta = e^{(i)} f_{i+1}$$
 (6)

non-dispersive redium, and the reason is not hard to see. A Lagrangian principle of the form δ $\int f$ ds = 0 can be expected to hold only if two arbitrary events (or at least events orbitrary between limits) can be joined by an extremal, or equivalently if the rays from an event fill a 4-dimensional region in space-time. That is not the case for a non-dispersive neglium. Only a cone is filled, as indicated in (11.8). It is easy to resonable (11.8), which uses the local rest frame, with the more general formula (14.18): in the local rest frame we have \mathcal{M}_{P} = 0 , \mathcal{H}_{A} = 1 , and (14.18) may be written in the following equivalent forms:

$$-q d_4^2 = 1 + q.$$

$$q d_4^2 = (1+q) d_p d_p.$$

$$(1 + q) d_p d_p + d_4^2 = 0.$$

$$n^2 d_p d_p + d_4^2 = 0.$$

the last of which is the same as (11.8) in a different notation.

We see that the Lagrangian or medium function does not exist for a nondispersive medium, and even in the case of a dispersive medium its determination in explicit form is in general not possible. It is in fact better to discuss rays by means of the Hamiltonian equations (3.5) instead of trying to make use of the Euler-Lagrange equations (13.14): the equations (8.3) can be used for nondispersive media as well as for dispersive media. rewired author functor Diagonatatis. We say up, for a serial extension Superstructure, with reflective lands on a 195-11, the post orbitally the maximum primates: d = d + 1 = -d + 2 = -d + 4 = -d +

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. If the section is the original matrix, we are shown in the rest, names, $P_{ij} = C_i$, $P_{ij} = 1$, respectively, then the electronic principle formula.

$$z = \frac{(2, r)_{r+1}/r^2}{14^2} = -z_r$$
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$$s_1 d^2 t^2 = t + (5 + 4) + 2$$
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$$\mu_{i_{1}} + g_{i_{2}} \epsilon_{i_{1}} \epsilon_{i_{2}} + \cdots + \epsilon_{i_{k}}, \quad \mu_{i_{k}} + g_{i_{k}} \epsilon_{i_{k}} \epsilon_{i_{k}} + \cdots + \epsilon_{i_{k}},$$

$$\mu_{i_{k}} = \epsilon_{i_{k}}, \quad \mu_{i_{k}} + \epsilon_{i_{k}}, \quad 0601.$$

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$$\frac{\sigma_{q}^{2}}{2} = -\sigma_{q}^{2} - \sigma_{q}^{2} + \epsilon (\sigma_{q}\phi^{2} + \epsilon^{2}\gamma_{1})\sigma_{p}\phi^{2} + \frac{(6\pi\rho)^{2}}{2} + \epsilon^{2}\gamma_{1}(\sigma_{p}\phi^{2} + \epsilon^{2}\gamma_{1})\sigma_{p}\phi^{2} + \frac{(6\pi\rho)^{2}}{2} + \frac{(6\pi$$

tipe that the right hand olds excelled of continue and more departure of the To have about 1 (1,1,4)

$$\{q(x)^{\mu}\} + i_1 \frac{m_1}{4\lambda} + i_2 \frac{m_2}{4\lambda} - \epsilon$$
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and an $(H_n(R), \mu)$ where μ distributed a position of the money solves to determine σ and σ despites of \mathcal{R} :

$$\frac{d^2}{d2^2}(dx^2) \rightarrow -2\frac{d}{4} + 2\frac{d}{4} + \pm (0.6 + O_{1,1}^2s_2(1)) (x+x^2 + x + \sigma_{1,2}s_2)$$

$$(0.40)$$

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$$\pi_1^* s_1 + 0^*_1 s_2 = 0 + 0^*_1 s_2 + 0^*_1 s_3 + 1000$$

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$$\pi_1 \mu_0 + \sigma_1 \mu_2 + \sigma_3 \pi_4 + \sigma_2 \mu_1 + \sigma_1 \mu_2 + \sigma_3 \sigma_2$$
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$$\mu_{1,2} = -u^* q_1 q_2 / e_+$$
 $\mu_{1,2} = -u - u^* q_1^2 / e_+$
 $\mu_{2,1} = u + u^* q_2^2 / e_+$ $\mu_{2,1} = u^* q_2 q_2 / e_+$

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We are differentiable F and A and A are A and A are the following substitute that the distribution of A_1 , A_2 , A_3 , A_4 , then A is a sum on A (A is A in A in

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Thus, it is only to get a Time Library of (3.50) institute by (4.1^2) / m_{χ} is, the complete properties of the time is associately reduced to quotientum.

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$$\chi_{(1)} = \omega_1 \chi_{(1)}^2 + v$$
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$$\frac{d^{2}}{dt}(Q_{1}|P_{1}) = -1 - \frac{d^{2}}{dt} \left\{ 1 + \frac{1}{1 + d^{2}} \frac{d^{2}}{dt^{2}} \right\} \right\} \right\} \right\}$$
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$$\omega e = 1 + \frac{2l}{2l} \cot l_{i,j} l_{j,j}$$
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$$\frac{dk_{\nu}}{ds} = \frac{ik_{\nu}}{k_{\nu}} \frac{c}{a} = \frac{a}{a}$$
, (65.47)

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$$\frac{d^2}{dt^2}(\mathbf{r}, \theta^2) = -1 + \frac{m_d^2}{dr_0^2} \left\{ 1 + \frac{1}{1 + 4d^2r^2 + d^2} \right\}^2 \text{UKM}$$

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$$\tan^2\theta_0 + \pi z = 2^2 \frac{\sigma_0^2}{\sigma_1^2}, \quad \frac{i\sigma_0}{\sigma_1^2} + \pi_1^2 \cos\theta_0 = (6/60)$$

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$$\frac{d_{-1}}{d_{-1}}(q, r) = \frac{1}{2} \cos^2 q_{-1} + \frac{$$

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$$\left(\frac{1}{4n_0^2}(0,\phi^2)\right)^2 = \phi^2 \left(\frac{1}{4^2}\cos^2\theta_0 + 1\right) + \frac{\phi^2\cos^2\theta_0}{\sqrt{2}}\log(C + id^2\phi^2)\phi^2\right)$$

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$$(\omega^2 + e^{-\frac{1}{2}})^{2} \sin^2 \theta_1 + 1 = \frac{e^2}{2} \frac{e^{-\frac{1}{2}} \theta_1}{e^2} \log (1 - e^2)^2 e^{-\frac{1}{2}} + e^0)$$
, (66.9)

Mr. Feer, R. and J. J. The substitution from CH-302 and CHI-202 by CHI-202 and CHI-202 and CHI-202.

$$\frac{1}{2}\frac{g_{1}}{g_{1}} = \frac{1}{4} \cos g_{1}(1)^{-1} \frac{1}{1 + g^{2}} \frac{d^{2}}{d^{2}} \frac{d^{2}}{d^{2}} \frac{1}{d^{2}}$$
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where we \mathcal{O}_{χ}^{*} , the "size" in χ , the resul fluiding law function in Ω . I still harmonic is determined of the "close", and as 117.77 process the fixed disapper.

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