Miseporypa: For me (Mypobiel, Fangsaxep, Amerikan, Mapuel - nobaz bepaul)

Pabroblue nexamenux avien

Cuerena nax-ca le polnobecon le bendpunnon une ne magn-T c=>

Aaree dygen pore ubais cieuzuo nopmae cueienus $(yp-9 \text{ classe ne zaburi oi hpenens}) => <math>\exists \text{ bazuomnoin}$ bleein crassonamyo nopumeipmzazuvo, u $\vec{r} = \vec{r}(q)$ nocce bleg -3 octobrz. Koop -7.

on kapiumay (vymbas 3 bornov, mongres co bylenenen)

$$(L_{i})$$
 - $L_{i} = Q_{k}(q, \dot{q}, t)$

1 - 9, 2 paggenmocin since chapmus npongo.

Teopena

Normenus palnobeeus nux-cs bo bz. ognoznas costo a tornamu buga $X_0 = \begin{pmatrix} q & 0 \\ 0 \end{pmatrix}$

 $\vec{r} = \vec{r}_{,k} \dot{q}^{k} \equiv \vec{o}(i)$, ognaro odody. Koep-su q blogmune sur, $\vec{r}_{,k}$ $\delta q^{n} \not\equiv 0$ $\forall \delta q: \delta q^{n} + ... + \delta q^{n} \not\equiv 0$ Furum odpayom $(i) \Rightarrow \dot{q} = 0$

Kpurepun novom pabnebeau cray curiens

Cray cue-ua nax-cx l' novom, pabroblem <=> Q (q0,0,t)=0.

Cypyron chopone, een
$$Q(q_0, o, t) = 0$$
, to (2) uneer persense $q = q_0$, $\dot{q} = 0$ - no τ . Korm one eyes-et is egeneibenne.

Ognare een cura uneet bug, ne ygobs. 1. Komm (Q(...) ne yyobs.
yee. Aubuunge), is kpurepun l'adjoining cropsny ne craditaet nomet Josis > 1 peus a (cm. Mapuebura).

Creyerbue

Ecu $Q = -77 \Pi(q,t)$, so nown publisher coorb cray 7. novem, energies. $7\Pi(q,t) = 0$.

Tymner 21, m

T. G - yerrip nace (Tenepa beerge Fan Tyger).

$$\Pi = mgh = mg(1\sin y - a + gy)$$
 $\Pi, y: 1\cos y = \frac{a}{\cos^2 y} = 0$
 $\cos y = \frac{3}{4} - nacon pababbee.$

Teopena - roumen bupingannoise nepenemenum

Nacom $\vec{r} = \vec{r}_0$ nex cuc-un 9h-c nacon publisher. L = > V bupi, repensely. $\vec{\delta} \vec{r}$ by \vec{r} or nacon. $\vec{\delta} \vec{A} = \int \vec{f} \cdot \vec{\delta} \vec{r} \cdot dm = 0$

		(gu		cfay.			Cuyras)			
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