Oslanbra na opsumme na popularionowein chapital (200 MPPP - 35) (1) S(kyt) Breande durype ce jakniezenh bezhikulte nonakenny 11a eurphdre. (Jegerso e & 110 colologue ~ b2 = K) R (pagnitany ce c Disside exoport (Happade) Bles obbulate otdens docturement of widowark meeta.

(oneight ce, mo 2 itaremea) Osbubkata ce sobsol special, so Her me Toria, detertions.

( Conto osbubulta donne) (7.2. no 0 Hasmia A pendone voc vingoto viodperence

→ Brojusit folicye Fila H of Tparektopunte e la 2a-R of P no cryoto
Charictle. F e Henpereille B/Y «KPZXIIOCT ( YELTEP P u prodyc 2a-R.

e toereta a, nexame 6/4 obbilata:

Heka T. Q un Zepteka e us r of S.

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- Uma Ber bequeuta 35 Tailord F! (F/F, comerporado nos Pa)

-) Crothette de jognation enunce, courant 20 Q.

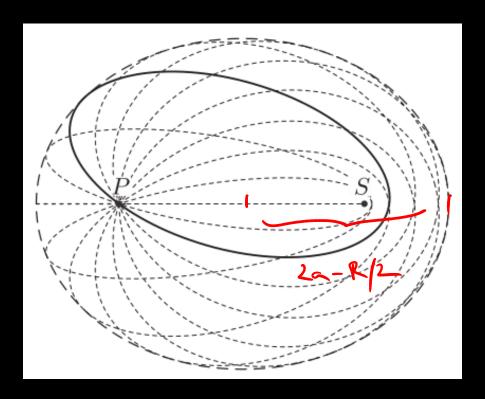
Je de e como ed pa (resero e jerduero Q du e 11a abriliante), tprible F de ce made tolvo 1/2 otcerrata PQ.

=> PQ = (2a-R) + (2a-r) = 4a-R-r

=> PQ+r= ua-R 3° Q 6 Deus vanpalreure

-> Obuberta e resmetpurlicte macto na tozionte use Joj? et pagetoniunta do PuS, puber na Ma-R.

=> To e eminca a dokyon P, S u ronoma nonyou a', 3a KOSTO 2a' = 4a - R  $\left(7.e. a' = 2a - \frac{R}{2}\right)$ 



[e] Online Physics Braul 2022, 30.51)