Kypints about RE. There would be visit - Enirgyress omres, the relative abundance of which it would vary from region to region ent mixing of Renembles and foril Fromans would be widely und shald be unverted to efectively effici - All electricity produced from RErshold be added to Grid. Enroy Balance 2' Mars balance. Input - Output = Accumulation Problem A domintée Solar water heats produces no liter Spratu at 60°C. optimum temp, for bathing is taken av 30°C, and if the temp of the

Cold until is 15°C. Estimati tu no. S-prosons who can take bath. Assume 30 lit. Sporti is needed for each Will Sich puson for bathing. Soh Solar M2 Solar Solar M2 Solar $\frac{M_2}{2mm} = \frac{M_2}{5}$ $= \frac{67msm.}{5}$ Prosuris A bricket lontsining 20 lit 81-Vatur is heated by an 2 mulsion nod of capacity (1KW). The initial temp.

8) hater is 15°C. Find out the token to change the unto to 60°C. Assuming no heat 5017.

60°C.

15°C

2041.

welf.

Solan Energy

indirect.

indirect.

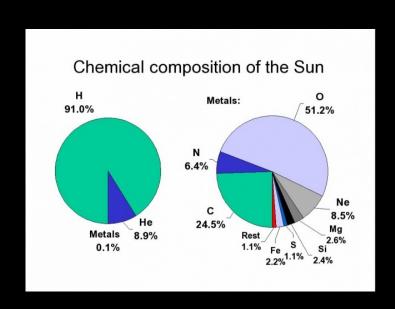
Solar thurnel Solar by Occean wind Prio by

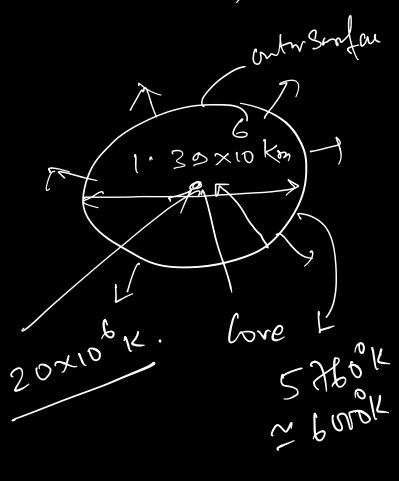
Pv. (e)

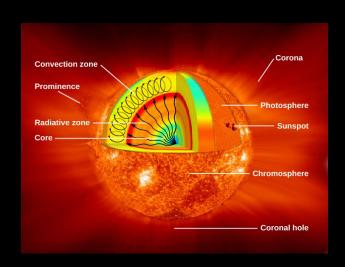
E man direct.

Solam Energy

H >> He (Thurm unclean Ran)







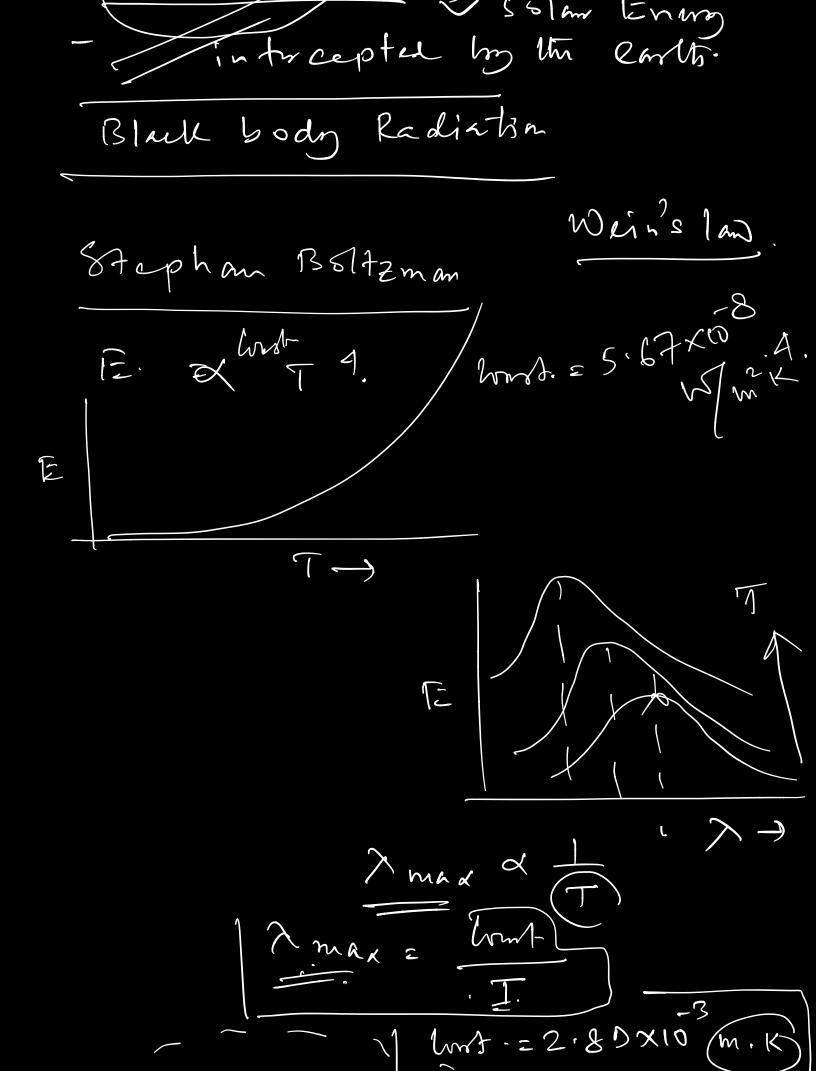
Ratistenergy 2 missim

3.8×10 KW

4.7×106 ton Tsubstant

8 mm mud to

1.2×10/9/KW to envoyon.

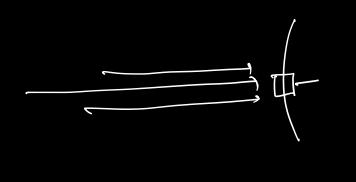


Problem - B Detronine le temp of the Som in the month of June? I ext. = 1320 W/m², ds-e=1.5 x10 m diameter of Som = 1.20 x 100 m; o=

 $0 = 5.67 \times 10^{-8} \text{ W/m}. K4.$ $1.30 \times 10^{9} \text{ ds-e}$ $1.5 \times 10^{10} \text{ m}$ $1.5 \times 10^{10} \text{ m}$

Ts = 5738 K.

Planet introns of though of Sun Tour, it radius Roun and distance between Earth and Smis' D'.



Calmette the avenue 2 anti 's temp. in the alsome of atmosphine. Isc= 1367 m/m², diameter of lants

12.75 × 10 bm.