$1-1.(1) \gamma_m = \frac{b}{T} = \frac{2.898 \times 10^{-3}}{3} \approx 9.66 \times 10^{-4} \text{ m}$ (2) 4π· Rte. o. T4 ≈ 2.34×109W 1-2,(1) L= Io. 4TO.RS-E (2) 0 T4. 410. RS = IO. 470. RS-E T= TO RS-E  $|-3. Mo(\lambda_1 T) = \frac{2\pi c^2 h}{\lambda^5} \cdot \frac{1}{e^{hc/\lambda kT}}$ 在入=入m时 diMo(入)了 所上式 カー5×21で2h · enc/λkT-1+ 2πc2/ (e hc/λkT-1)2·λ2kT·e = 2TC2h . hc/AkT -1)2. (-5(enc/AkT-1) + hc hc/AkT) -5. e xkt +5+ xkt. a xt =0, 在\*于0处有时一般(xkt) 1-4 0.259 x 10 x 10 -4 x o. T4 = 235 W 1-5. 0  $v_0 = \frac{z.3eV}{h} = \frac{z.3\chi_{1.6\chi_{10}}}{6.626\chi_{10}} = 5.55\chi_{10}^{14}Hz$ 20= Jo= J.4410-7 m €) Ek-max = h. v - W = 6,626×10-34 x430×10-9-2.3 eV  $\approx 9.46 \times 10^{-20}$ Ek-min = 0) 3) Ek-max = 9.46×10

6. 87 FT2: S. O. TI4 - S. O. T24 + S. O. T3 - S. O. T24