Blackbody Radiation:

- 1. What is the formula for the power spectrum: $I(\omega) = ?$
- 2. Write the temperature dependence for the Stefan-Boltzmann law: $\frac{\mathrm{d}P}{\mathrm{d}A}$ \times

 T^{α}

- 3. Write the formula for Wien's displacement law: $\lambda_{\text{max}} = ?$