
ASEN 3113 - Assignment 08 - Main

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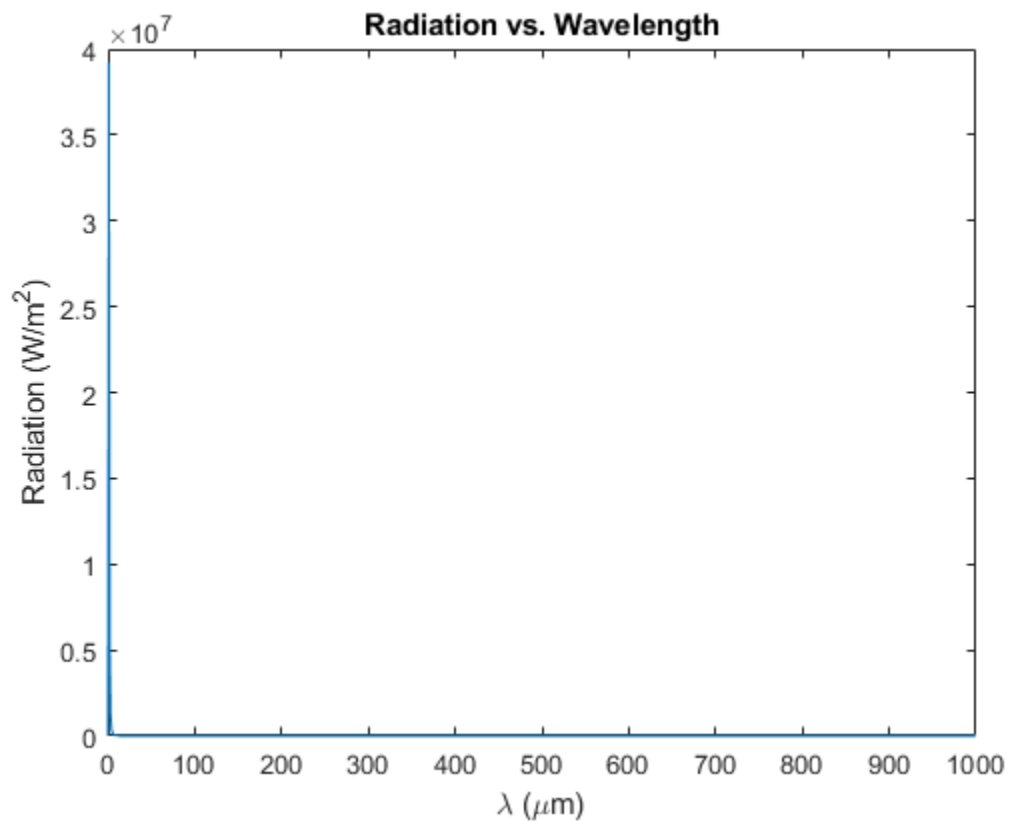
Collaborators: None

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```
clear,clc,close all
T = 5780;
lam = 0.01:1:1000;
C1 = 3.74177e8;
C2 = 1.34878e4;

Ebl = C1./(lam.^5.*(exp(C2./(lam.*T))-1));

plot(lam,Ebl)
xlabel('\lambda (\mu m)')
ylabel('Radiation (W/m^2)')
title('Radiation vs. Wavelength')
```



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