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Howell, J., Menguc, M., Siegel, R.

(2010). Thermal Radiation Heat

Transfer. Boca Raton: CRC Press, [https](https://doi.org/10.1201/9781439894552)

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#### Thermal Radiation

John R. Howell is presently Research Professor at the University of Texas-Austin. He previously was a heat transfer researcher at the NASA Lewis

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Research Center, and a professor at the University of Houston. Dr. Howell served as Program Director of the Thermal Transport and Thermal Processing Program with the National Science Foundation from 1994-1995.

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York (1972). 814 pages. \$18.50 K. I.  
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charge-acceleration or dipole oscillation which produces electromagnetic radiation. Infrared radiation emitted by animals and cosmic microwave background radiation are examples of thermal radiation. If a radiation object meets the physical characteristics of a black



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Thermal radiation - Wikipedia  
The SI unit of radiant heat flux is the watt per square meter (W/m<sup>2</sup>). The SI unit of radiant heat flux density is the watt per square meter per steradian (W/m<sup>2</sup>·sr). The SI unit of radiant heat flux density is the watt per square meter per steradian (W/m<sup>2</sup>·sr). The SI unit of radiant heat flux density is the watt per square meter per steradian (W/m<sup>2</sup>·sr).

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