

Hawking Radiation from Black Holes

Dr. George Jones¹

In the early 1970s Stephen Hawking surprised the physics community when he showed that quantum theory predicts radiation from black holes. I will use second-year physics and mathematics to discuss Hawking radiation and black hole thermodynamics. I also will discuss more recent developments.

¹Department of Physics, University of Northern British Columbia, Prince George, B.C., V2N4Z9, Canada (george.jones@unbc.ca).