# Title of Qualification Exam Talk

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# Outline

# Boltzman Transport Equation

$$\frac{1}{v}\frac{\partial\psi}{\partial t}(,E,,t) + \cdot\nabla\psi(,E,,t) + \Sigma_t(,E)\psi(,E,,t) \tag{1}$$
$$= \int_0^\infty \int_{4\pi} \Sigma_s(,E' \to E,' \to)\psi(,E',,',t)d'dE' + S(,E,,t).$$

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# References