

1. Does a classical path enter into the Schrödinger formulation of quantum mechanics? Explain.
2. What is Huygen's principle?
3. How does the classical path enter into Feynman's formulation of quantum mechanics?
4. How does statistics enter into Feynman's formulation of quantum mechanics?
5. How does Hamilton's principle enter into Feynman's formulation of quantum mechanics?
6. What physical quantity is an extremum along the classical path?
7. What is the advantage of evaluating the Green's function at *imaginary* time?
8. How does Feynman manage to find a relationship between quantum mechanics and thermodynamics?