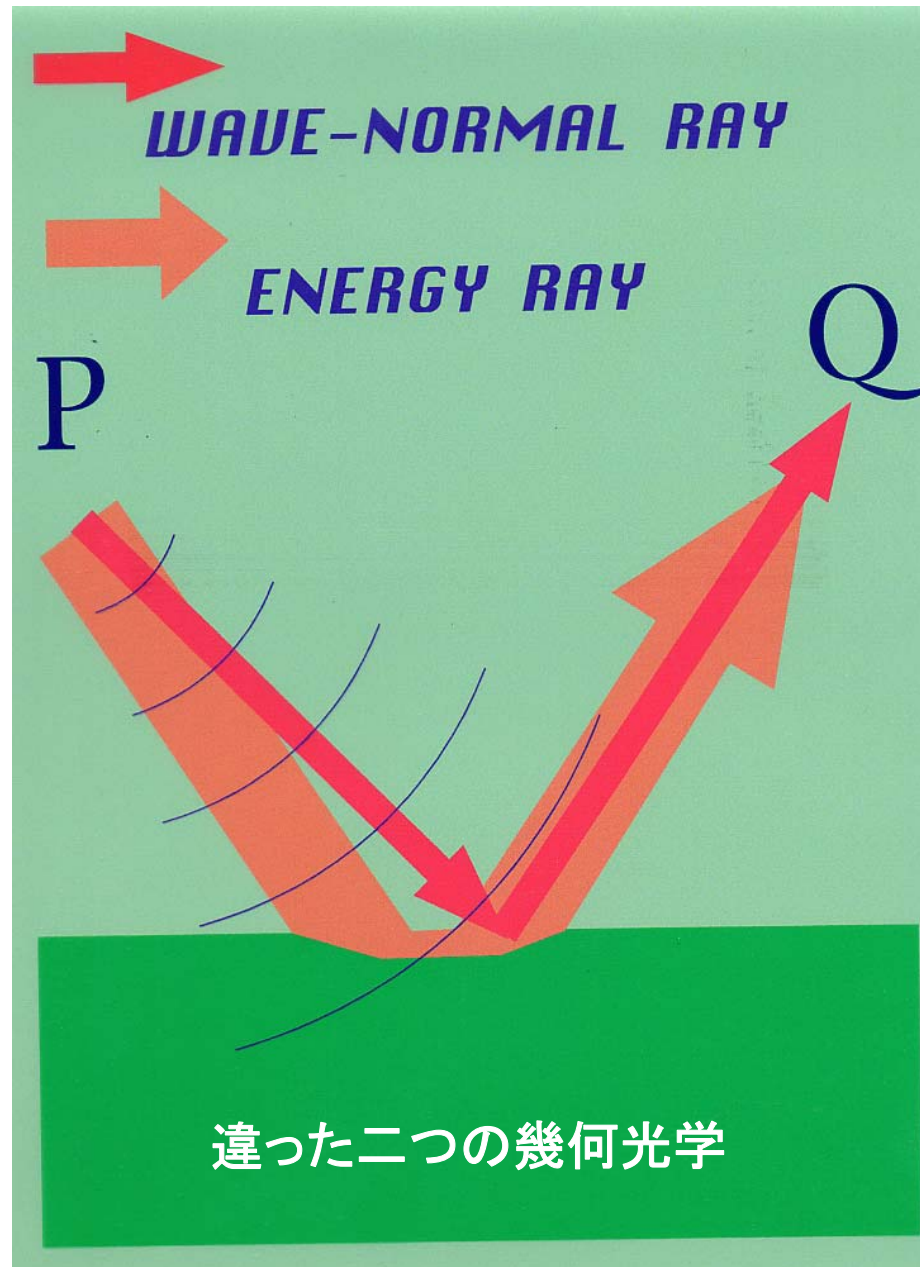


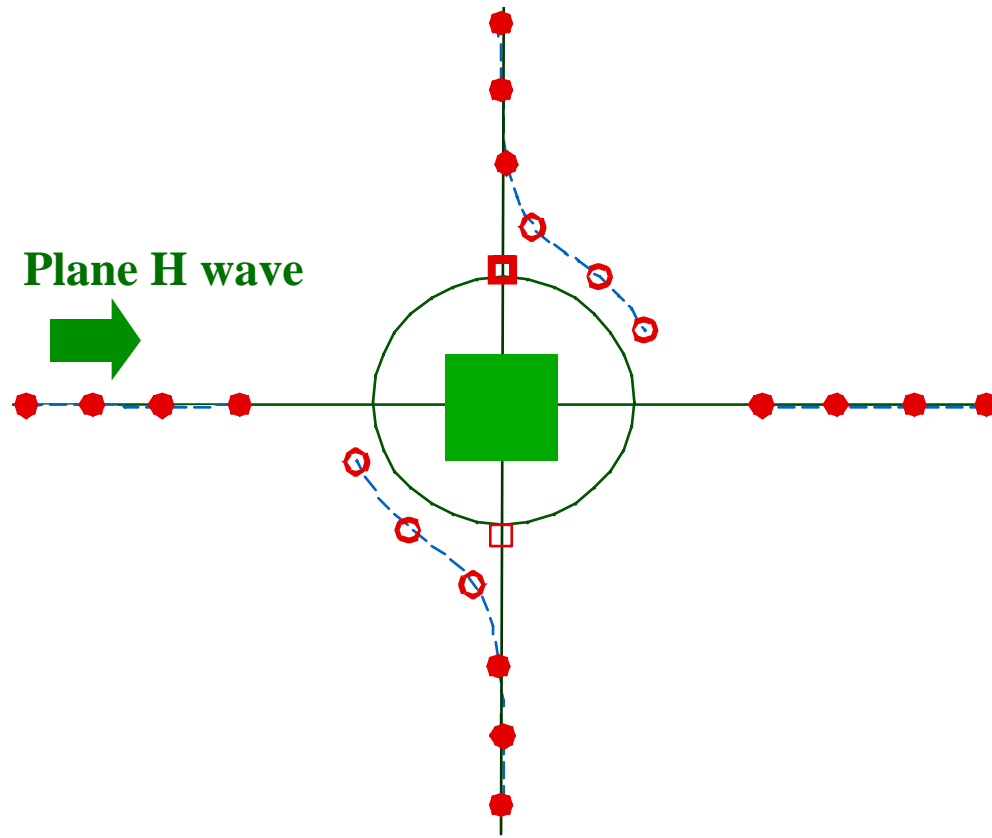
特別講演

電磁波の高周波近似界，低周波近似界 そして境界条件

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IEEE-APS 特別講演 (IEEE関西主催・Japan Council 共催)
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導体四角柱の散乱波の零点

Conclusions:

To discuss the high-frequency approximations and the low-frequency approximations for electromagnetic waves in connection with the boundary conditions

- Suggested the use of zero-distributions on the z -plane
- Discussed specular reflections from the location of zeros around the unit circle—Geometrical Optics Nature
- Discussed edge effects or edge diffraction from the zeros around the point of infinity—Low-Frequency Nature
- Showed how the edge effects or the edge diffraction contribute to the far-zone field pattern.