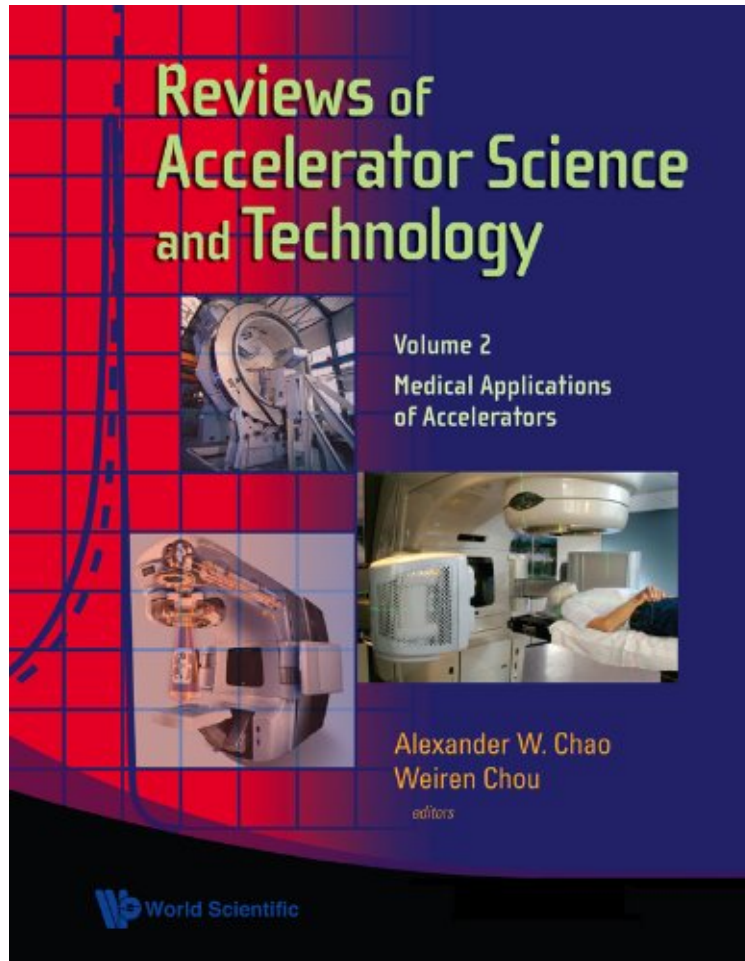


# Reviews of Accelerator Science and Technology: Medical Applications of Accelerators

Alexander W. Chao

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accelerators produce radioisotopes for various nuclear medicines for millions of patients each year. The other is that accelerators produce particle beams for radiation therapy for the treatment of cancer. The particle beams can be X-rays (generated by high-energy electrons), protons, neutrons or heavy ions such as carbon. Today there are more than 5,000 accelerators routinely used in hospitals all over the world for nuclear medicine and cancer therapy. The great potential of accelerator applications in medicine can hardly be exaggerated. This volume contains 14 articles, all written by distinguished scholars.

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