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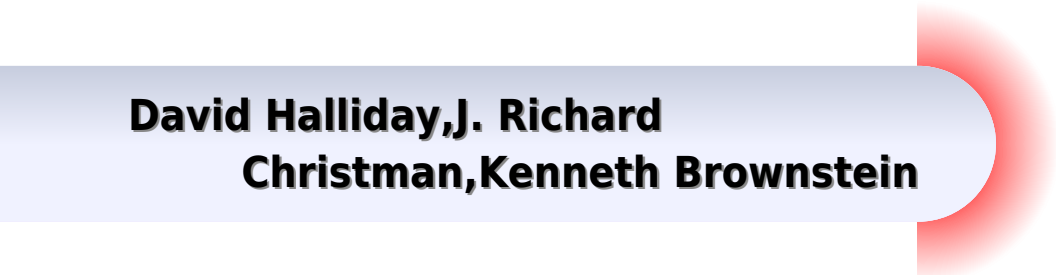
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web jan 24 2023 in the present chapter we will discuss the basic foundations and experimental techniques for the investigation of nuclear reaction in the middle energy range where nuclei are excited or split nuclear fission are converted into other nuclei or fused to larger nuclei nuclear fusion

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web 10 1 nuclear radiation nuclear reactions are very different from chemical reactions in chemical reactions atoms become more stable by participating in a transfer of electrons or by sharing electrons with other atoms in nuclear reactions it is the nucleus of the atom that gains stability by undergoing a change of some kind