II-02 Recent developments in Mössbauer techniques using synchrotron radiation

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As the field of nuclear resonant scattering using synchrotron radiation matures, we see a shift from experiments designed to verify theoretical predictions towards those designed to use the phenomenon to elucidate the behaviour of a sample. In parallel with this trend towards applications we have seen further instrumental developments which extend the range of possible applications. This paper will review the recent work in this field with an emphasis on new sources, new isotopes and new instrumentation.