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Sommario/riassunto	Inductively Coupled Plasma-Atomic Emission Spectroscopy (ICP-AES) has been widely adopted as a routine analytical technique for elemental analysis in both industry and academia. However, spectral interference can be a major problem, particularly with such line-rich elements as the rare earth elements. An Atlas of High Resolution Spectra of Rare Earth Elements , which comes complete with a CD of spectra in full colour, is a reference source suitable for all analytical spectroscopists. Using some previously unpublished high resolution spectra, this atlas enables users of ICP-AES to select the best spectra for their specific applications.