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5.3 Electronic Structure	5.4 Surface Magnetism
; 6 Quantitative Low-Energy Electron Diffraction	
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Dynamical Calculations	; 6.3 Reliability Factors
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; 7.1 (0001) Surfaces	; 7.2 (1120) Surfaces
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; 8 Summary - Past Present and Future	;
Appendix	; Tables of Rare-Earth Metal Surface Science Studies
; Acknowledgements	; References ; Index

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## Sommario/riassunto

< i > The Structure of Rare-Earth Metal Surfaces < /i > introduces the concepts of surface crystallography and surface-structure determination, outlines the principles of the most widely used experimental techniques and theoretical simulations, and reviews their application to the surfaces of rare-earth metals. In particular, the results of quantitative low-energy electron-diffraction experiments and multiple-scattering calculations are covered in some depth. The book is aimed at science graduates with an interest in surface crystallography.

< br > < i > Contents: < /i > < ul > < li > Introduction to the Rare Earth

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