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SUMMARY OF CHAPTER 3; CHAPTER 4. THE STRUCTURE AND FORMATION OF OCEANIC LITHOSPHERE; 4.1 THE FORMATION OF OCEANIC LITHOSPHERE; 4.2 SEGMENTATION OF OCEANIC SPREADING AXES; 4.3 SEAMOUNTS AND VOLCANIC ISLANDS; 4.4 SUMMARY OF CHAPTER 4; CHAPTER 5. HYDROTHERMAL CIRCULATION IN OCEANIC CRUST; 5.1 THE NATURE OF HYDROTHERMAL CIRCULATION; 5.2 CHEMICAL CHANGES DURING HYDROTHERMAL CIRCULATION; 5.3 BLACK SMOKERS- AN EXERCISE IN PREDICTION; 5.4 THE EXTENT OF HYDROTHERMAL ACTIVITY; 5.5 MASS TRANSFER BY HYDROTHERMAL CIRCULATION
5.6 SUMMARY OF CHAPTER 5 CHAPTER 6. PALAEOCEANOGRAPHY AND SEA-LEVEL CHANGES; 6.1 THE DISTRIBUTION OF SEDIMENTS; 6.2 CHANGES IN SEA-LEVEL; 6.3 SUMMARY OF CHAPTER 6; CHAPTER 7. THE BROADER PICTURE; 7.1 THE GLOBAL CYCLE; 7.2 SOME RATES COMPARED; 7.3 SUMMARY OF CHAPTER 7; APPENDIX: THE STRATIGRAPHIC COLUMN; SUGGESTED FURTHER READING; ANSWERS AND COMMENTS TO QUESTIONS; ACKNOWLEDGEMENTS; INDEX

Sommario/riassunto

This is an invaluable textbook, prepared by the Open University team and designed so that it can be read on its own or as part of the OU course. This second edition has been fully revised and updated including new colour illustrations increasing the striking spread of full colour diagrams throughout the book. The clarity of the text has been improved, providing comprehensive coverage of the evolution of ocean basins and their structure in a clear, concise manner aimed specifically at the student market. In this second edition the technological advances in fields as diverse as:- deep
