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suspensions; 45 Light intensity from a line source; 46 Light interference in reflecting tubes; Part 6 Temperature and Heat; 47 Cooling I; 48 Cooling II; 49 The Leidenfrost effect I; 50 The Leidenfrost effect II: drop oscillations  
51 The drinking bird52 Liquid-vapor equilibrium; 53 Solar radiation flux; Appendix A Project ideas; Appendix B Facilities, materials, devices, and instruments; Appendix C Reference library; Index

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## Sommario/riassunto

This book is the result of many years of experience of the authors in guiding physics projects. It aims to satisfy a deeply felt need to involve students and their instructors in extended experimental investigations of physical phenomena. Over fifty extended projects are described in detail, at various levels of sophistication, aimed at both the advanced high school, as well as first and second year undergraduate physics students, and their instructors. Carrying out these projects may take anything from a few days to several weeks, and in some cases months. Each project description starts with

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