1. Record Nr. UNINA9910782573903321 Autore **Hecht Jeff** Titolo Beam [[electronic resource]]: the race to make the laser / / Jeff Hecht Oxford;; New York,: Oxford University Press, 2005 Pubbl/distr/stampa **ISBN** 0-19-759225-2 0-19-020754-X 9786613890054 0-19-975572-8 1-283-57760-7 1-280-70393-8 0-19-803249-8 Descrizione fisica 1 online resource (285 p.) Disciplina 621.36/6/09 Soggetti Lasers - History - 20th century Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and index. CONTENTS; PROLOGUE: MAY 16, I960, MALIBU, CALIFORNIA: 1 THE Nota di contenuto LASER RACE: 2 MICROWAVES ARE THE FIRST STEP: 3 LEAPING A FEW ORDERS OF MAGNITUDE: THE OPTICAL MASER; 4 THE OUTSIDER'S INVENTION: THE LASER: 5 BELL LABS TAKES THE EARLY LEAD: 6 STIMULATING THE EMISSION OF MONEY; 7 A SPREADING INTEREST IN THE LASER IDEA; 8 A PAUSE TO COMPARE NOTES; 9 A DARK HORSE JOINS THE RACE: 10 ""EVERYBODY KNEW IT WAS GOING TO HAPPEN WITHIN MONTHS"" - BELL LABS FEELS SAFELY IN THE LEAD; I I A CRASH PROGRAM AT ""PIPSQUEAK INC.""; 12 THE SIREN CALL OF THE LASER; 13 THE CRITICAL QUESTION OF EFFICIENCY 14 AN IDEA SIMPLER IN THEORY THAN IN PRACTICE15 TRIUMPH IN THE PALACE OF SCIENCE: 16 AN UNEXPECTED STRUGGLE FOR ACCEPTANCE: 17 ""WE WERE ASTOUNDED"" -A STUNNED REACTION; 18 RUNNERS-UP CROSS THE FINISH LINE: I 9 EPILOGUE: DRAMATIS PERSONAE: SOURCES: **BIBLIOGRAPHY**; INDEX

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