1. Record Nr. UNINA9910782801703321 Autore Gulati R. R. Titolo Monochrome and Colour Television [[electronic resource] /] / R.R. Gulati New Delhi, : New Age International (P) Ltd., Publishers, c2005 Pubbl/distr/stampa **ISBN** 1-282-10263-X 9786612102639 81-224-2489-9 Edizione [Rev. 2nd ed.] Descrizione fisica 1 online resource (711 p.) Disciplina 621.388 621.388/04 Soggetti Television Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Includes index. Nota di contenuto Cover; Preface; Contents; Introduction; Chapter 1. Elements of a Television System: Chapter 2. Analysis and Synthesis of Television Pictures: Chapter 3. Composite Video Signal: Chapter 4. Signal Transmission and Channel Bandwidth; Chapter 5. The Picture Tube; Chapter 6. Television Camera Tubes; Chapter 7. Basic Television Broadcasting: Chapter 8. Television Receiver: Chapter 9. Television Signal Propagation and Antennas: Chapter 10. Television Applications: Chapter 11. Video Detector; Chapter 12. Video Section Fundamentals; Chapter 13. Video Amplifiers - Design Principles Chapter 14. Video Amplifier CircuitsChapter 15. Automatic Gain Control and Noise Cancelling Circutis; Chapter 16. Sync Separation Circuits; Chapter 17. Sync Processing and AFC Circuits; Chapter 18. Deflection Oscillators; Chapter 19. Vertical Deflection Circuits; Chapter 20. Horizontal Deflection Circuits; Chapter 21. Sound System; Chapter 22. RF Tuner; Chapter 23. Video IF Amplifiers; Chapter 24. Receiver Power Supplies; Chapter 25. Essentials of Colour Television; Chapter 26. Colour Signal Transmission and Reception; Chapter 27. Remote Control and Special Circuits

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Sommario/riassunto

About the Book: This text is based on the CCIR 625-B monochrome (black & white) and the compatible PAL-B colour television standards as adopted by India and many other countries. The American NTSC and French SECAM television systems have also been accorded due coverage while presenting various aspects of the subject starting from TV camera to the receiving picture tube. While this book was published soon after television was introduced in India it continues to be very useful as a comprehensive text book because of excellent presentation of the fundamentals and analysis of all aspects of te