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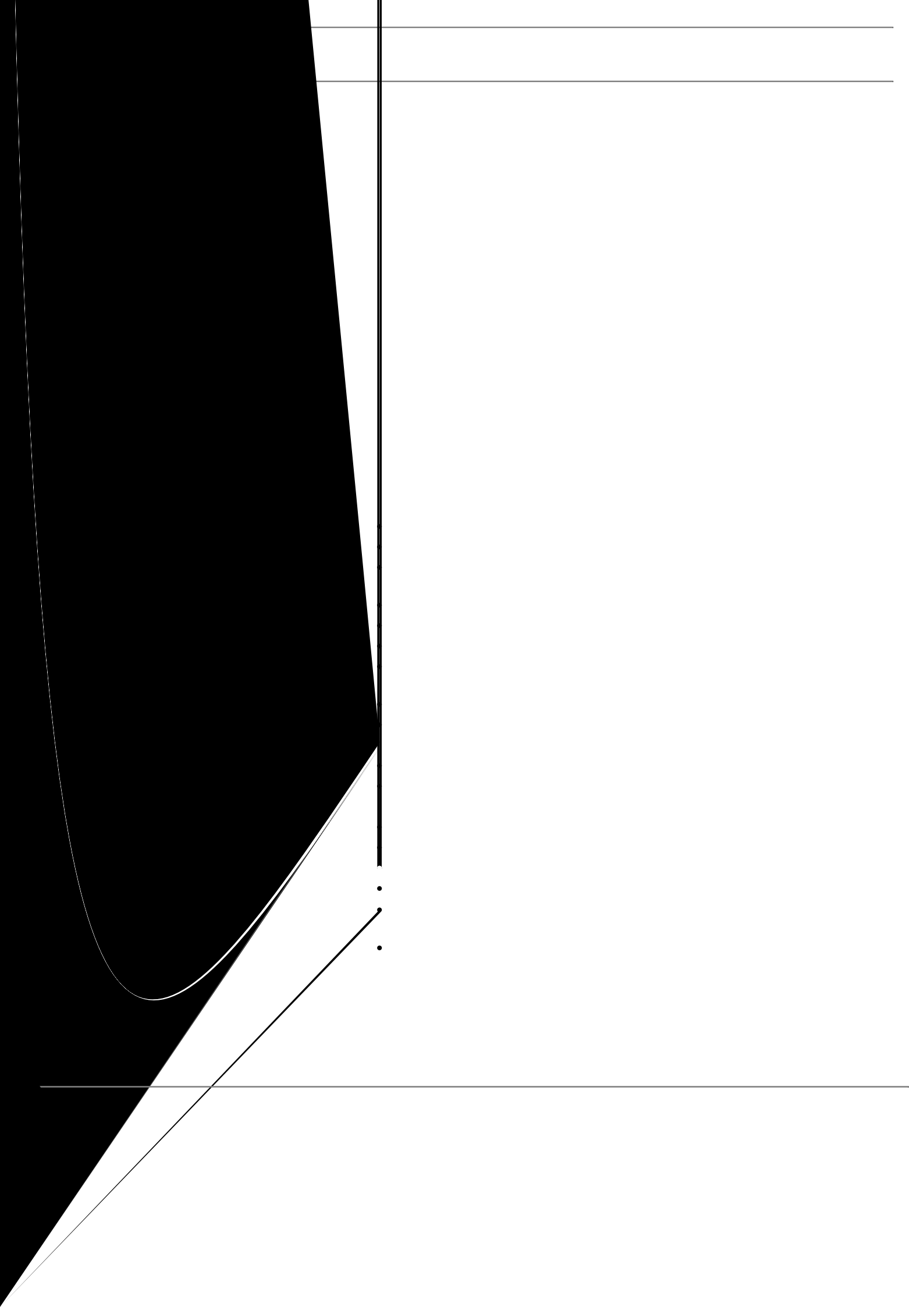
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Advance Book Information

Advance Book Information

Coffee and Human Health

CM**DM****M****KB F****F K C F M****F** SRM Institute of Science and Technology, India**F K F F C K F F** SRM Institute of Science and Technology,
India**C**

The multidisciplinary field of food sensor development is evolving rapidly. Prompt detection of food contaminants is vital for public health protection. In this book, experts cover various recent developments in the field with illustrative descriptions of successful practical applications and identify existing challenges and prospects. Compiling current progress in food quality sensors, it fills a gap in the literature by laying down a framework for food sensor development from idea to implementation. With an emphasis on multidisciplinary aspects, the book appeals to students, academics, researchers and industry personnel from diverse backgrounds with an interest in food science and food quality assurance.

M M

- Introduction to Food Quality Monitoring Using Various Sensor Technologies
- Design of Chemical Sensors Based on Organic Transistors for Monitoring Food Safety and Quality
- Low-cost Microfluidic-based Sensors for Food Contaminant Detection
- Aptamer-based Biosensors for Monitoring Food Quality and Safety
- Antibody-based Sensor Technologies for Food Quality and Safety
- Lateral Flow Based Immunosensors for Monitoring Food Quality and Safety
- Advanced Nanomaterial 2D MXene-based Electrochemical Sensors for Food Analysis

