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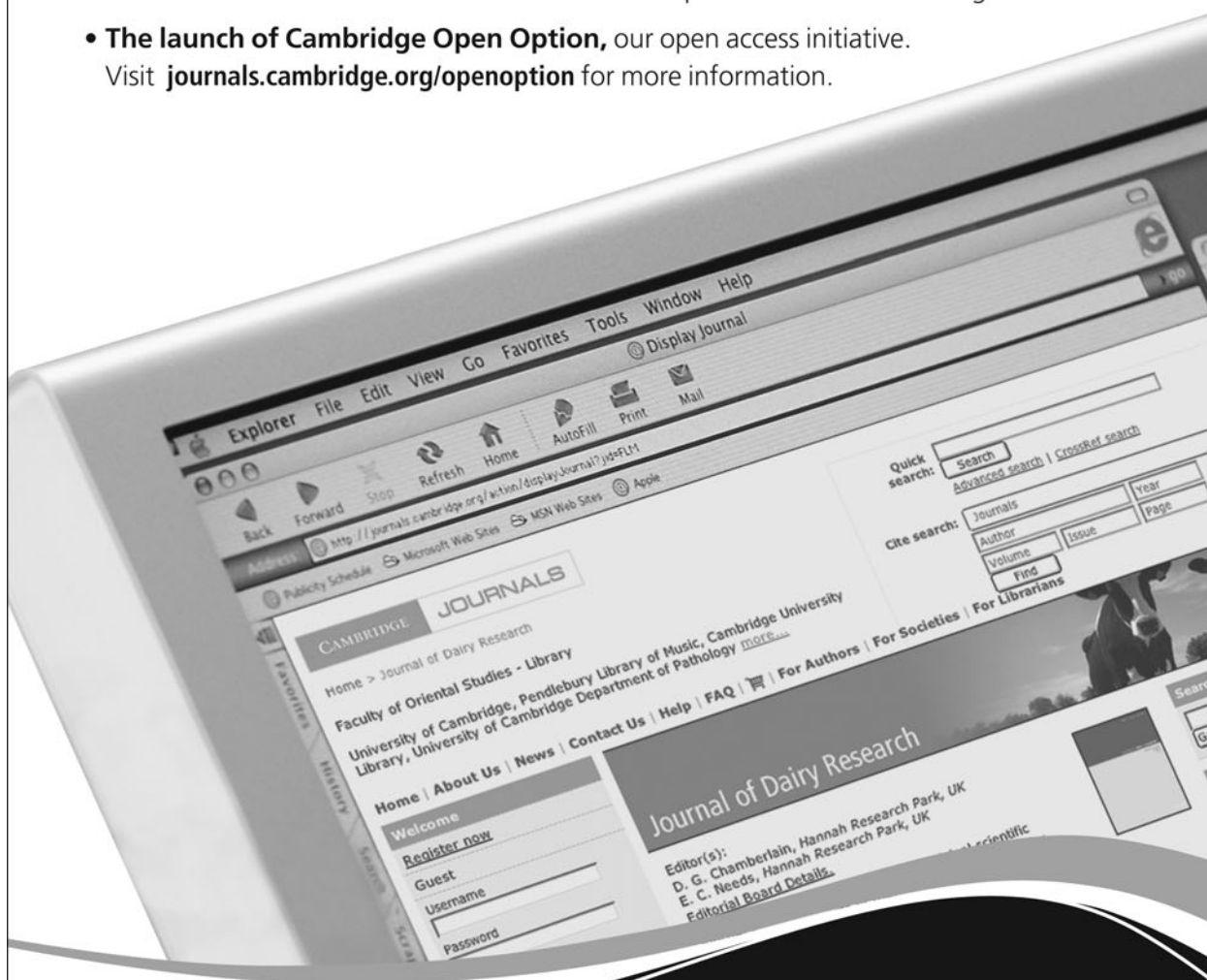
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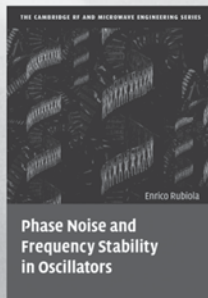
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# The Cambridge RF and Microwave Engineering Series



## Phase Noise and Frequency Stability in Oscillators

**Enrico Rubiola** *FEMTO-ST Institute, Université de Franche Comté, Besançon*

- Includes numerous practical examples, including case studies taken from laboratory prototypes and commercial oscillators
- Covers the reverse engineering of oscillators based on phase-noise spectra
- Additional materials available online

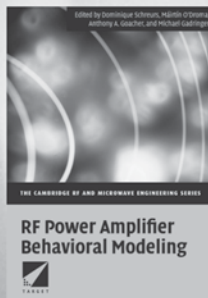
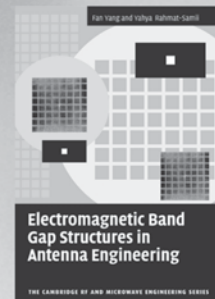
GBP 55.00 | HB | 9780521886772 | 2008

## Electromagnetic Band Gap Structures in Antenna Engineering

**Fan Yang** *The University of Mississippi*  
**Yahya Rahmat-Samii** *University of California, Los Angeles*

- Includes a wealth of practical examples and design details
- Introduces a customized FDTD method for EBG analysis
- Electromagnetic software for EBG design is provided online

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## RF Power Amplifier Behavioral Modeling

**Dominique Schreurs** *Katholieke Universiteit Leuven, Belgium*  
**Máirtín O'Droma** *University of Limerick*  
**Anthony A. Goacher** *University of Limerick*  
**Michael Gadringer** *Technische Universität Wien, Austria*

This review of nonlinear theory and power amplifier modelling techniques is a one-stop reference for engineers working in PA modelling, or RF designers using such models. It includes a detailed treatment of nonlinear theory, together with chapters on memory effects, implementation in commercial circuit simulators, and validation.

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