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Advanced Techniques in RF Power  
Steve C. Cripps Steve C. Cripps is an independent consultant concentrating in the area of RF power amplifier design. He is also the author of Advanced Techniques in RF Power Amplifier Design (Artech House, 2002) and has over 20 years of experience in microwave technology design and development. He received his Ph.D. from Cambridge University.

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A Parameter-Reduced Volterra Model for Dynamic RF Power Amplifier Modeling based on Orthonormal Basis Functions

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Figure 1.10 Device characteristics tailored to give current waveforms having only even harmonics, as shown in Figure 1.9, for sinusoidal voltage input. Conventional Class B using linear device is shown dotted. - "Advanced Techniques in RF Power Amplifier Design"

Figure 1.10 from Advanced Techniques in RF Power Amplifier ...  
To alleviate integration issues, new GaAs processes such as BiFET or Bi-HEMT are now being developed to enable grouping of different functions, such as linear power amplification, logic and control circuitry, RF switching, and low noise power amplification on a single die for RFFE module integration.

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Novel Predistortion Techniques for RF Power Amplifiers  
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