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The SAF family of nonlinear adaptive filters can be successfully applied to several real-world applications, such as the identification of nonlinear systems, adaptive echo cancelers, adaptive noise control, nonlinear prediction and some other learning algorithms.

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ipate in bringing various adaptive filters and change detectors into vehicular systems. For NIRA Dynamics <http://www.niradynamics.com>, I have published a number of patents on adaptive filters, Kalman filters and change detection, which are currently in the phase of implementation and evaluation.

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Superb, great book! . Starts with simple theory, it makes you think harder and harder and you progress into the deep science of adaptive signal processing and the implementation of filters with different algorithms, difficult themes are made easy and over all this is great reference book for the designer.

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Key features: Offers a thorough treatment of the theory of adaptive signal processing incorporating new material on transform domain, frequency domain, subband adaptive filters, acoustic echo cancellation and active noise control. Provides an in-depth study of applications which now includes extensive coverage of OFDM, MIMO and smart antennas.

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