

• Thin-Film Transistor Fabricated in Single-Crystalline Transparent Oxide Semiconductor, by K. Nomura et al., *Science*, May 2003, pp. 1269-72.

A

New Wave	
A PAIR OF RESE (Lausanne) has de and manipulating – called footprints – performed. Footpr may or may not be for removing noise • Wavelet I <i>Transacti</i>	RCHERS from Imperial College (London) and the Swiss Federal Institute of Technology veloped a way to boost the power of the wavelet transform, a mathematical trick for representing ignals that's making waves in many branches of engineering. They developed an efficient method— o store the wavelet coefficients, which in turn store the signal after a wavelet transformation is its are better than ordinary wavelets for signals that consist of sequences of smooth curves, which continuous. In particular, the pair found footprints made a big difference when used in algorithms and compressing signals. ootprints: Theory, Algorithms, and Applications , by P.L. Dragotti and M. Vetterli, <i>IEEE ns on Signal Processing</i> , May 2003, pp. 1306-23.
	PHOTO: TOMAS OVALLE/A

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