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 J-DSP and Motes for Research Source localization using the Motes Target tracking Interfacing with advanced J-DSP features (i.e. HMM) Collaborative remote sensing using J-DSP Implement sensor networks using J-DSP/Motes for smart home and security applications 	 J-DSP and Motes for Education Train UG and grad. students the basics of working with wireless Motes using the J-DSP GUI Train engineers and practitioners in real-time analysis of sensor data Use hands-on hardware/ software approach to create a workforce trained in using sensors for security and other applications

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	Simulation modules and blocks in J-DSP have been	
	developed to control the Crossbow Motes	
۲	Object-oriented structure of J-DSP allows for easy manipulation of the Motes	
۲	Please visit <u>http://jdsp.asu.edu</u> for more information on J-DSP	
۲	J-DSP also supports: Statistical DSP simulations, Communications, Speech analysis-synthesis, 2D and Image processing, Spectrogram/time-frequency experiments, and Controls simulations	
Some figures taken from http://www.xbow.com		
		H. S.A.