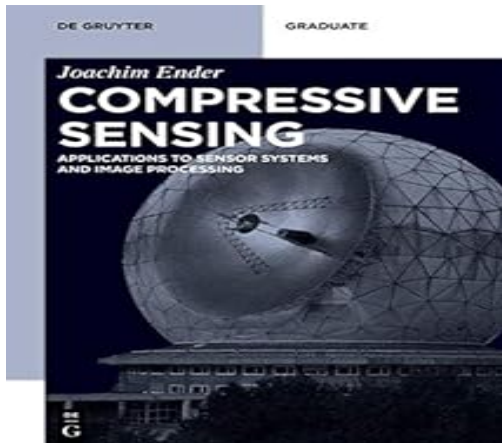


Compressive Sensing: Applications to Sensor Systems and Image Processing By Joachim Ender This graduate textbook provides detailed background for study and research in compressive sensing including signal models measurement schemes recovery algorithms highlighting recent theoretical results and showing a broad range of applications. Due to its background information and numerous practical applications it is an ideal resource for researchers graduate students and practitioners who want to join this exciting research area.



Compressive sensing is a new mathematical technique in signal processing: It enables for example optical radar MRI and X-ray imaging systems with limited capabilities in bandwidth or resolution to recover natural signals with high accuracy: As a consequence new system architectures can be devised where standard regular sampling is not attainable due to sensor power consumption size cost or technological limitations, Compressive Sensing: Applications to Sensor Systems and Image Processing.