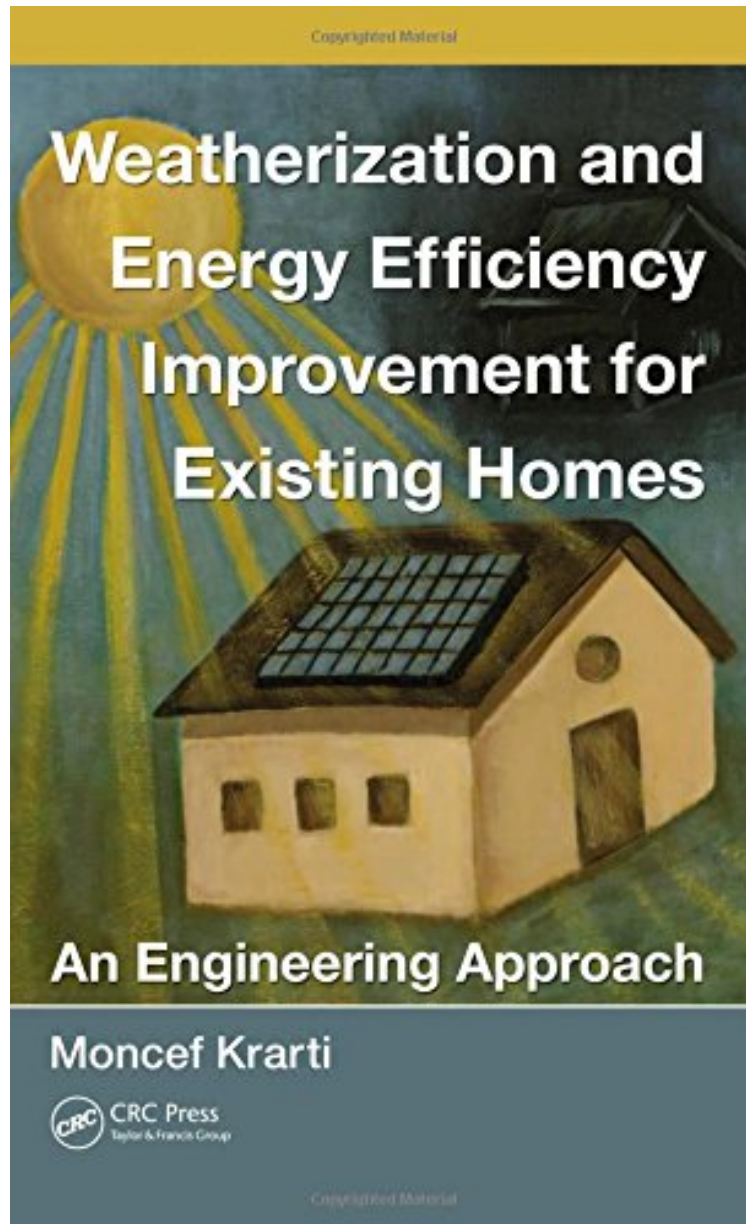


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Weatherization and Energy Efficiency Improvement for Existing Homes: An Engineering Approach (Mechanical and Aerospace Engineering Series)

Moncef Krarti

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before purchasing it in order to gauge whether or not it would be worth my time, and all praised *Weatherization and Energy Efficiency Improvement for Existing Homes: An Engineering Approach* (Mechanical and Aerospace Engineering Series):

Providing a proven set of energy efficiency measures and opportunities for saving energy and reducing operating costs for existing homes, this volume presents general tools and procedures for performing home weatherization such as insulation improvements as well as methods to reduce air leakage. The author describes several techniques and technologies that can reduce energy use or operating costs, including methods to retrofit existing homes to be net-zero energy buildings. Each chapter contains simplified calculation methods used to evaluate the effectiveness of various efficiency measures. The final chapter offers a series of case studies including examples of weatherized homes.

About the Author Moncef Krarti is professor, associate chair, and director of the building systems program for the Civil, Environmental, and Architectural Engineering Department at the University of Colorado, Boulder.