

CONTENTS

Determination of optimum insulation thickness in different wall orientations and locations in Iran  
*Hadi Ramin, Pedram Hanafizadeh and Mohammad Ali Akhavan-Behabadi* 149

Model predictive control for commercial buildings: trends and opportunities  
*Trent Hilliard, Miroslava Kavgic and Lukas Swan* 172

Analysis techniques to estimate the overhead energy for industrial facilities and case studies  
*Khaled Bawaneh, Michael Overcash and Janet Twomey* 191

How to use online surveys to understand human behaviour concerning window opening in terms of building energy performance  
*Kristian Fabbri* 213

Design methods for sustainable, high-performance building facades  
*Ajla Aksamija* 240

A taxonomy of data types and data collection methods for building energy monitoring and performance simulation  
*Bharadwaj R.K. Mantha, Carol C. Menassa and Vineet R. Kamat* 263