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Nota di contenuto	STP Individual Article Download Free -- Evaluation of Moisture Accumulation in Composite Roof Decks in High Humidity Environments such as Natatoriums in Cold Climates Using Hygrothermal Modeling\Gourish Sirdeshpande -- Condensation in Cool Roofs-Code Challenges, Field Observations, and Hygrothermal Modeling\Kade Gromowski, Keith A. Simon, Eli Johnson -- Advancing the Thermal Design of Commercial Roofs: Impact of Mean Operating Temperature, Thermal Bypass, and Thermal Bridging\Sudhakar Molleti, David Van Reenen, Logan Carrigan -- The Difficulties of Transitioning Control Layers from the Roof to the Wall\John J. Saldana -- The Need for Dedicated Air Barriers within Low-Slope Roofing Assemblies\Paul G. Johnson, Kevin D. Nolan -- Compressive Deformation of Hot-Applied Rubberized Asphalt Waterproofing\nicholas C. Simmons, Philip S. Moser, David L. Niles -- A Case Study of the Assessment of a Tensile Membrane Roof\Christopher DeRosa, Ivan Chung -- Lessons from Roof Refurbishment Projects in the UK and Ireland\Keith Roberts -- New Research on Hail Damage to 55% Al-Zn Alloy-Coated Steel Roofing\Ron Dutton, Rob Haddock -- Final Report: Does the Underlayment Matter? \David Roodvoets -- Performance of Aged Asphalt Shingles and Development of Climate-Dependent Durability Index\Flonja Shyti, Bas Baskaran, Elena Dragomirescu.
Sommario/riassunto	Roofing technology and design have undergone major advancement in the last four decades. Roofs have a greater purpose now. Apart from keeping unpleasant weather out of the building, they are shaping the

livability of the buildings by serving as a platform for energy harvesting, energy efficiency, and climate adaptation. The ASTM International Technical Committee D08 on Roofing and Waterproofing is advancing the multifaceted and modern design of roofs through the promotion of knowledge, stimulation of research, and development of standards.
