DESCRIPTION

This volume provides broad coverage of key issues related to the role of calcium hydroxide in cements and concrete. It contains critical topics such as the physicochemical role calcium hydroxide plays in hydration and deterioration of cementing properties as well as the implications of the presence of calcium hydroxide on the future of Portland cement, blended and specialty cements, and ecology of cement production.

ABOUT THE AUTHOR

Jan P. Skalny studied chemical engineering at Slovak Technical University in Bratislava and at the University for Chemical Technology in Prague, where he graduated in 1958. He received his PhD at the University of Mining & Metallurgy in Krakow. In 1967 he left for the United Kingdom and in 1968 he settled with his family in the United States. After a short stay at the Clarkson University in upstate New York, he focused his career on industrial research management. He became Associate Director of Martin Marietta Laboratories and construction materials research director for W. R. Grace & Co. After early retirement in 1991, he became a consultant and is presently President of Materials Service Life, a high-tech consulting company specializing in service life prediction of concrete-based infrastructure.

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