



Advancements on interferometric radar: studies and applications

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Condition: New. Publisher/Verlag: Éditions universitaires européennes | Radar echo is much more than what you can expect. Informations carried by the radar signal can be useful for geophysical applications or to understanding atmospheric physical phenomena like turbulence. In the first part some applications of Synthetic Aperture Radar are presented and discussed, in particular focusing on techniques to the monitoring and characterization of quarries for the profit optimization and for the safety and environmental protection of the quarry mining. In the second part the connection between radar signal statistic and turbulence is shown, demonstrating the ability of radar to measure the "correlation of the atmosphere" at the micro-scale, and confirming the adequacy of the Gumbel statistic to describe highly correlated complex systems. | Format: Paperback | Language/Sprache: english | 92 pp.

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