

Abstracts

Recent European Developments in Active Microwave Imaging

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At the beginning of the 80's, research programs devoted to short range active microwave imaging have been initiated in Europe. Since that time, a permanent research effort has been organized and oriented toward the development of microwave imaging equipments for industrial and medical applications. This effort has been conducted within the frame of national or european cooperation programs. This paper presents some representative results which have been obtained during the last decade and the general trends concerning their continuation and extension in the next few years. Without underestimating theoretical aspects and their importance for further evolutions of microwave imaging techniques, a special emphasis has been given to equipments which provide the real measure of the impact of the recently developed microwave imaging technologies in a growing field of applications.

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