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Main beam representation in non-regular arrays

Monday, 25 July 2011 13:40 (40 minutes)

The main differences between patterns in non-regular arrays and in continuous apertures will be reviewed. Mathematical tools generally used for radiation from apertures will be applied to non-regular arrays and the convergence versus number of terms will be illustrated.

Comments will be provided on the applicability of the method in the presence of mutual coupling.

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