

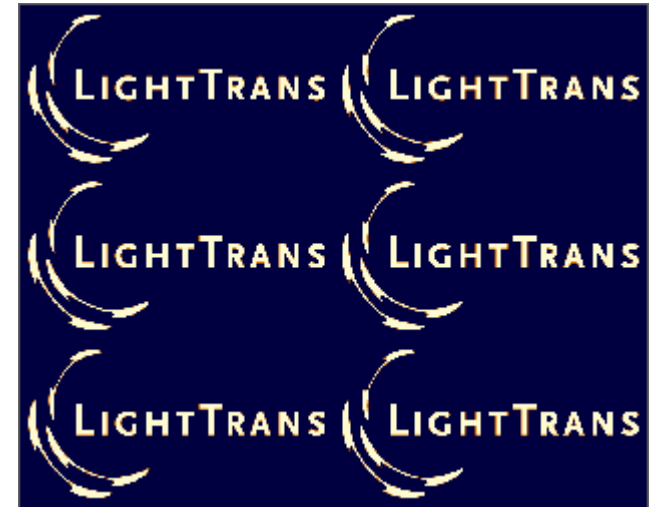
UseCase.0043 (1.0)

Periodic Replicate

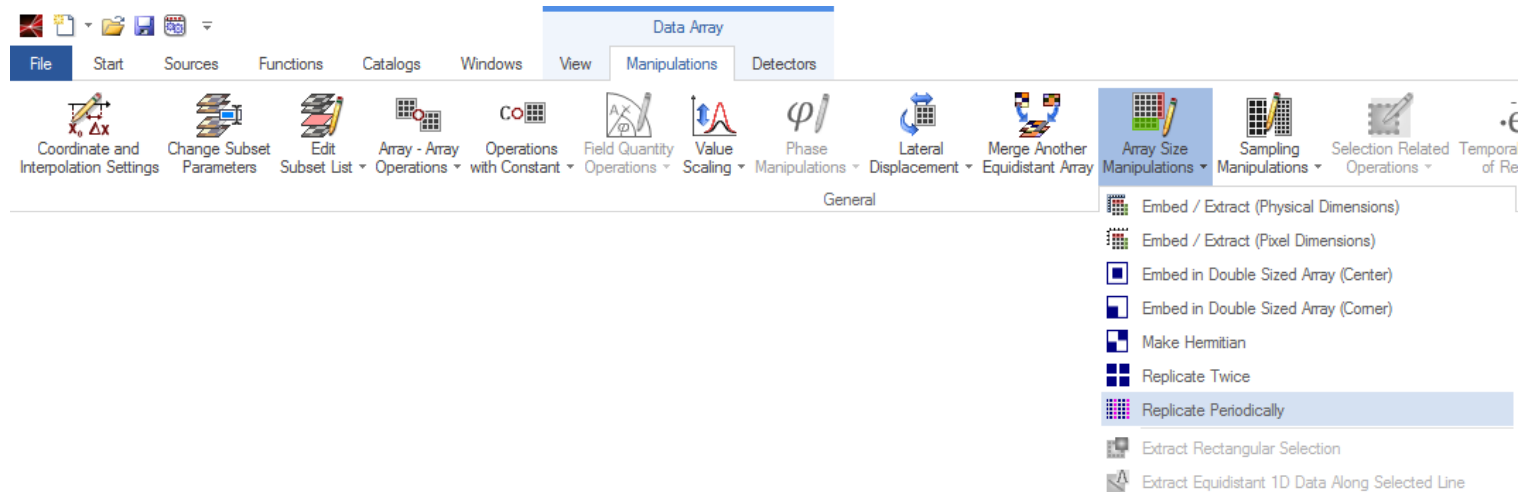
Keywords: periodic replicate, data arrays

Description

- This use case explains how data arrays can be replicated periodically.
- For example, this can be useful if you want to use a periodic Signal Field for a Cells Array Design.

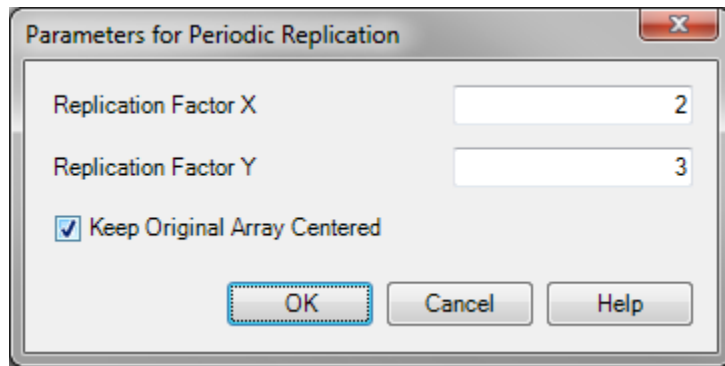


Position in the Ribbon



Manipulations > Array Size Manipulations > Replicate Periodically

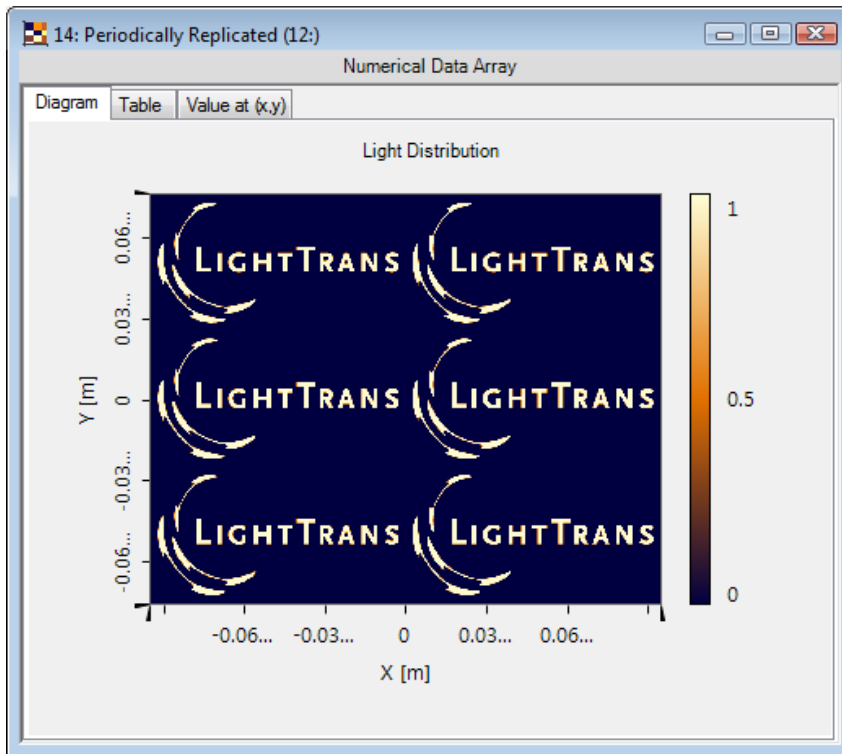
Options in the Dialog



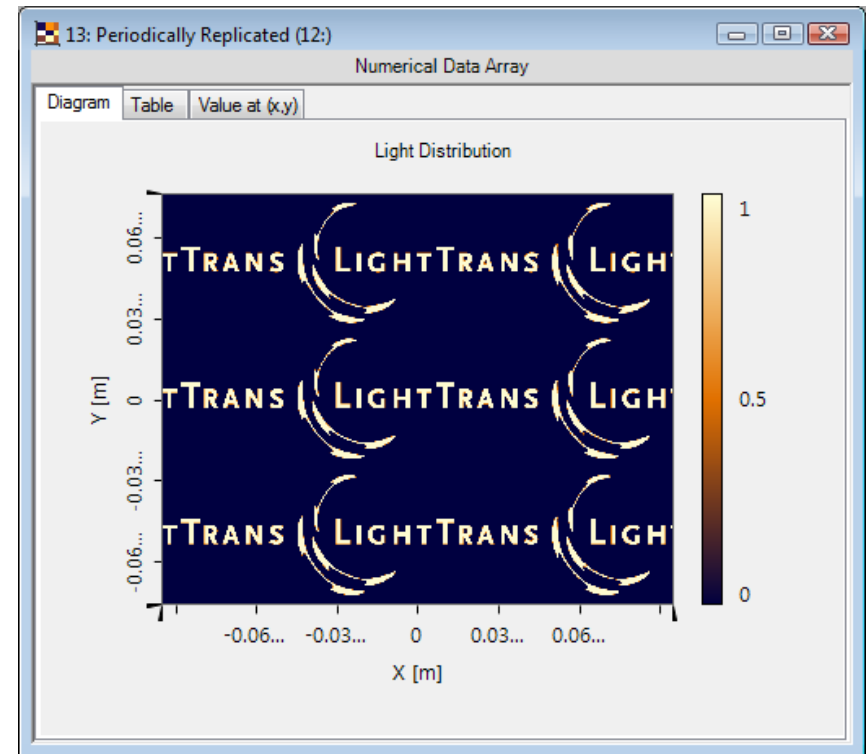
- In the dialog you can define how often the data array is replicated in x- and y-direction, respectively.
- If at least one of the two replication factors is even, you can check *Keep Original Array Centered*. In this case the original array remains in the center of the resulting array and two half arrays are placed at the border.
(For odd factors the array always stays in the center.)

Result

Replicated 2 × 3 (without *Keep Original Array Centered*)



Replicated 2 × 3 (with *Keep Original Array Centered*)



Shortcut

- Manipulations > Array Size Manipulations > Replicate Twice is a shortcut to using the normal Replicate Periodically with the following settings

