

Three DIAGONALS Inform Each MPS

On the Axis:
 1/2 Purple DIAGONAL = $y = z$ = GREEN Horizontal
 GREEN DIAGONAL = $z =$
 1/2 Yellow DIAGONAL = x

1. Purple DIAGONAL - from z^2 to Axis
2. GREEN DIAGONAL - z to Axis
3. Yellow DIAGONAL - from 2^n to Axis

PNLP
 CR
 4PNLP
 Purple DIAG
 Yellow DIAG
 Purple DIAG - next
 CR_h
 4PN
 Purple DIAGONAL: $4z - 8z - 16z \dots z_{prev}$
 GREEN DIAGONAL: $1z - 3z - 5z \dots z$
 Yellow DIAGONAL: $4x - 8x - 16x \dots$

Notice that each MPS co-mingles with its previous and next iteration

Its UPPER Diagonal of z_{prev} contains PN_{prev}, but CR current
 Its LOWER Diagonal of x contains PN current, but CR next

Purple DIAG: $4z - 8z - 16z \dots z_{prev}$
 GREEN DIAG: $1z - 3z - 5z \dots z$
 Yellow DIAG: $4x - 8x - 16x \dots$
 Purple+Yellow DIAG = Purple_{next} DIAG.

ALL part of the Bim

White DIAG extends to

