**Equation 1**

BFD on Time. ABF on Space. Implicit treatment of gradient in 2D space

Depending on the ABF method, we have two different equations:

Let us be consistent with Yulan Li.

Particular Solution: FFT 3D Both sides

Homogenous Solution: FFT2D Both Sides. RHS = 0.

**Equation 2**

BFD on Time. ABF on Space. Implicit treatment of gradient in 2D space

Particular Solution: FFT 3D Both sides

Homogenous Solution: FFT2D Both Sides. RHS = 0.

**Equation 3**

BFD on Time. ABF on Space. Implicit treatment of gradient in 2D space

Particular Solution: FFT 3D Both sides

Homogenous Solution: FFT2D Both Sides. RHS = 0.