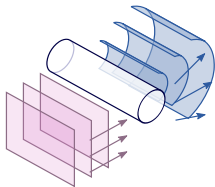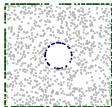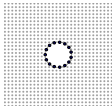**Wave scattering by a cylindrical obstacle**
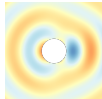
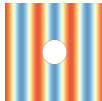**Problem with analytical solution**

**BEM**

**PINNs**

**Scattered field**

We solved for an incident plane wave

**Incident wave**

**Comparison**

We used accuracy and computational time as metrics