```
BVPs
├── Shooting
│   ├── simple shooting ─────┐
│   └── multiple shooting ───┴── use IVP solves
└── Relaxation
    ├── Finite difference
    ├── weighted residual
    │   ├── Galerkin method ───── e.g. FEM
    │   └── Collocation method ───── e.g. pseduospectral
    └── finite volume method ──── the integral conservation law
```