

# Lumped Element Modeler

## Add drivers

- **.lem\_driver()**
- **.lem\_driverFromFile()**
- **.lem\_velocity()\***

## Inherited methods (accessed through *driver* dictionary),

- **.plotZe()** → plot input impedance
- **.plotXVA()** → plot displacement/velocity
- **.sealedAlignment()** → see which sealed setup is best
- **.portedAlignment()** → see which ported setup is best

## Used in

- **.lem\_enclosure(..., setDriver='drvName')**
- **.study\_acousticBEM(..., acoustic\_radiator='drvName')**

\* **.lem\_velocity()** does not inherit the *driver* methods

## Add enclosures

- **.lem\_enclosure()**

## Inherited methods (accessed through *enclosure* dictionary)

- **.plotZe()** → plot driver impedance in enclosure
- **.plotXVA()** → plot displacement/velocity in enclosure

## Used in

- **.study\_acousticBEM(..., acoustic\_radiator='boxName')**