

- **Convolution arithmetic**
- **Refresher: discrete convolutions**
- **Theano terminology**
- **Convolution arithmetic**
- **No zero padding, unit strides**
- **Zero padding, unit strides**
- **Special cases**
- **Half (same) padding**
- **Full padding**
- **No zero padding, non-unit strides**
- **Zero padding, non-unit strides**