

# Structured Electronic Design

## Determination of OpAmp GB-product requirement

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## SLiCAP functions for determination of the bandwidth

```
instruction.setGainType('loopgain') # defines the gain type
instruction.setDtaType('laplace') # defines the data type
instruction.setSimType('numeric') # substitutes parameters before execution
instruction.setLGref('E1') # defines the loop gain reference

result = instruction.execute()
# Get the coefficients of the numerator and the denominator of the
# loop gain in ascending order
numerCoeffs, denomCoeffs = coeffsTransfer(result.laplace)
# Get the asymptotic values of the servo bandwidth
servoData = findServoBandwidth(loopGainRational);
# display help for a specific function
help(<functionName>)
```