## OP Amp Basics (H.1)

20170213

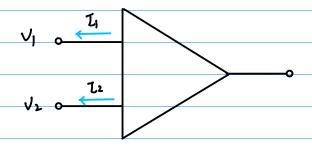
Copyright (c) 2016 - 2017 Young W. Lim.

Permission is granted to copy, distribute and/or modify this document under the terms of the GNU Free Documentation License, Version 1.2 or any later version published by the Free Software Foundation; with no Invariant Sections, no Front-Cover Texts, and no Back-Cover Texts. A copy of the license is included in the section entitled "GNU Free Documentation License".

References
Based
[1] Floyd, Flectronic Devices 7th ed
[1] Floyd, Electronic Devices 7th ed [2] Cook,
[2] en.wikipedia.org
•
· · · · · · · · · · · · · · · · · · ·
·

## OP Amp Parameters

Input Offset Voltage
Input Bias Current
Input Impedance
Input Offset Current
Output Impedance
Common Mode Input Voltage Range
Open-Loop Voltage Gain
Common-Mode Rejection Ratio
Slew Rate
Frequency Response



$$L_{BIAS} = \frac{I_1 + I_2}{2}$$

