SNS COLLEGE OF TECHNOLOGY

(An Autonomous Institution)
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Accredited by NAAC-UGC with 'A++' Grade (Cycle III) &
Accredited by NBA (B.E - CSE, EEE, ECE, Mech & B.Tech.IT)
COIMBATORE-641 035, TAMIL NADU

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Course Code & Name : **23ECT203 & Linear Integrated Circuits**

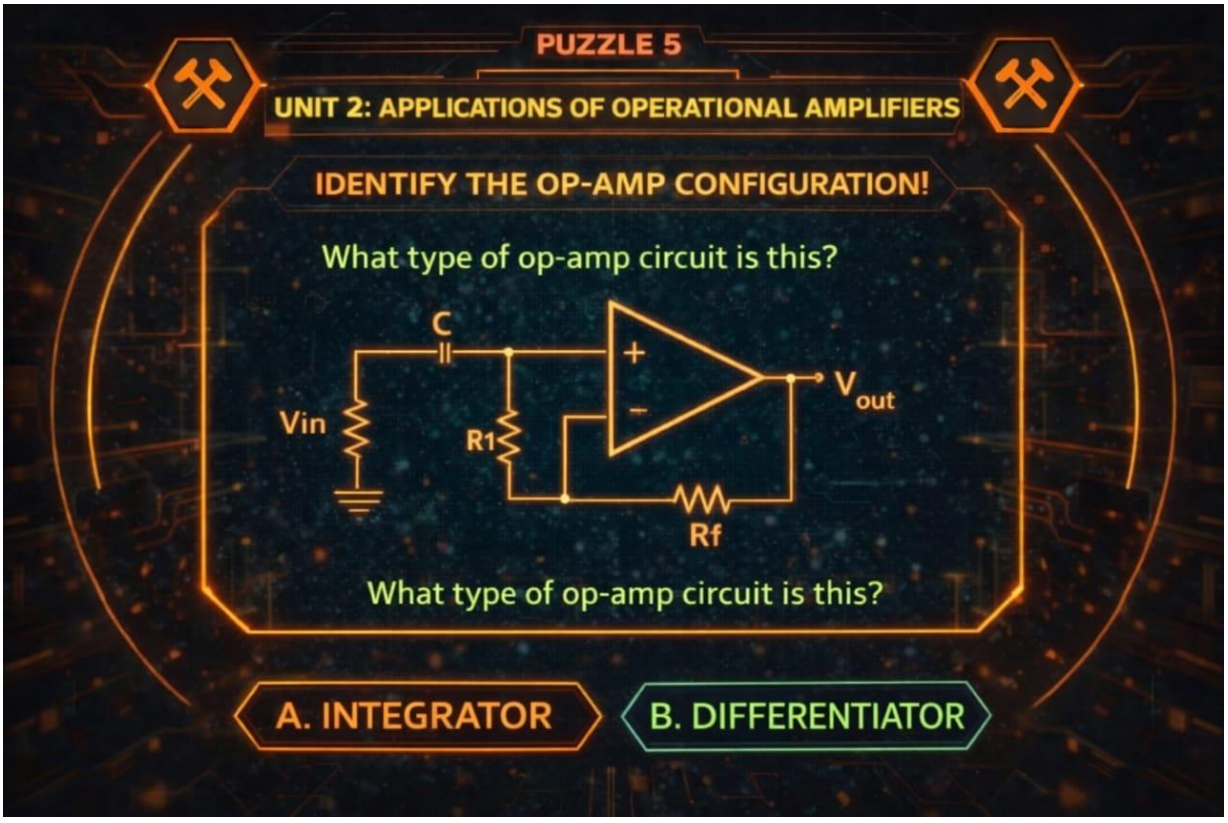
Course Faculty : **Ms.V.Aishwarya AP/ECE**

Puzzles / In Class Activities

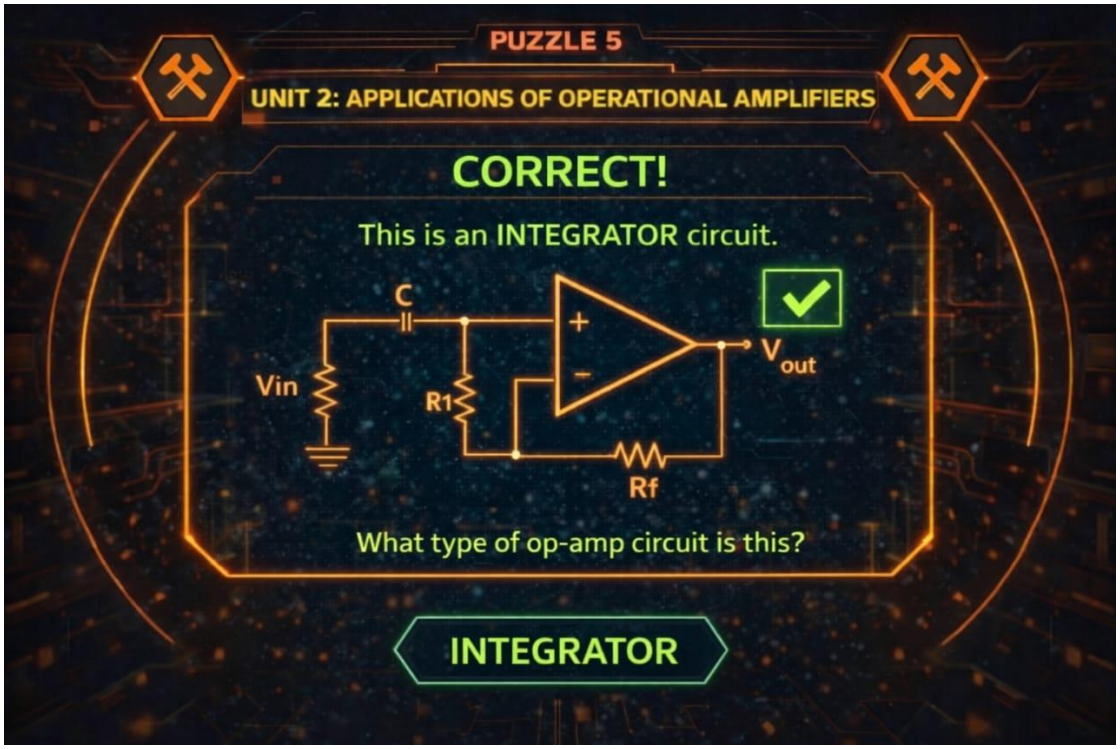
Topics Covered: **Unit 2-APPLICATIONS OF OP AMP**

Puzzle 1

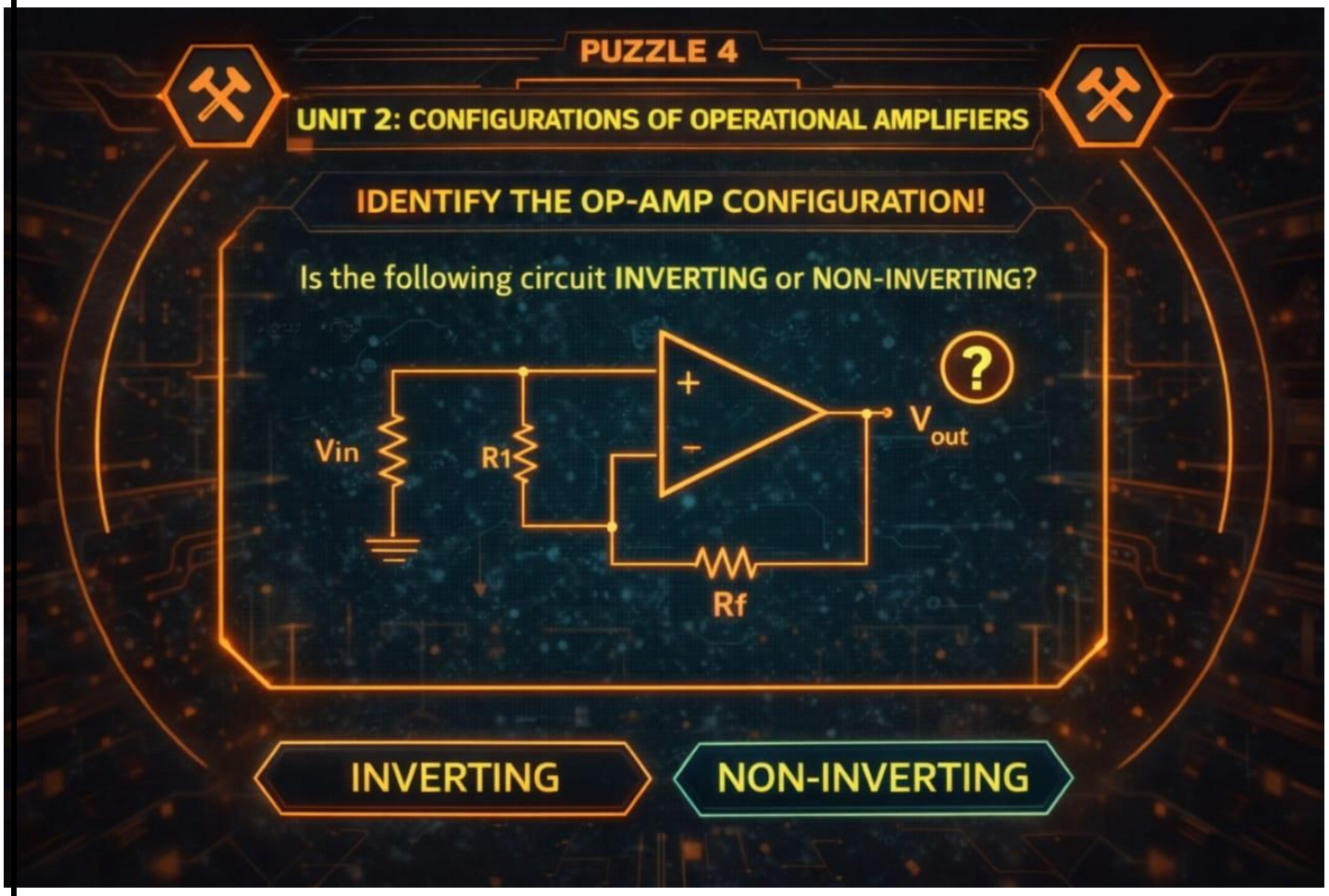
Question: What type of op-amp circuit is this?



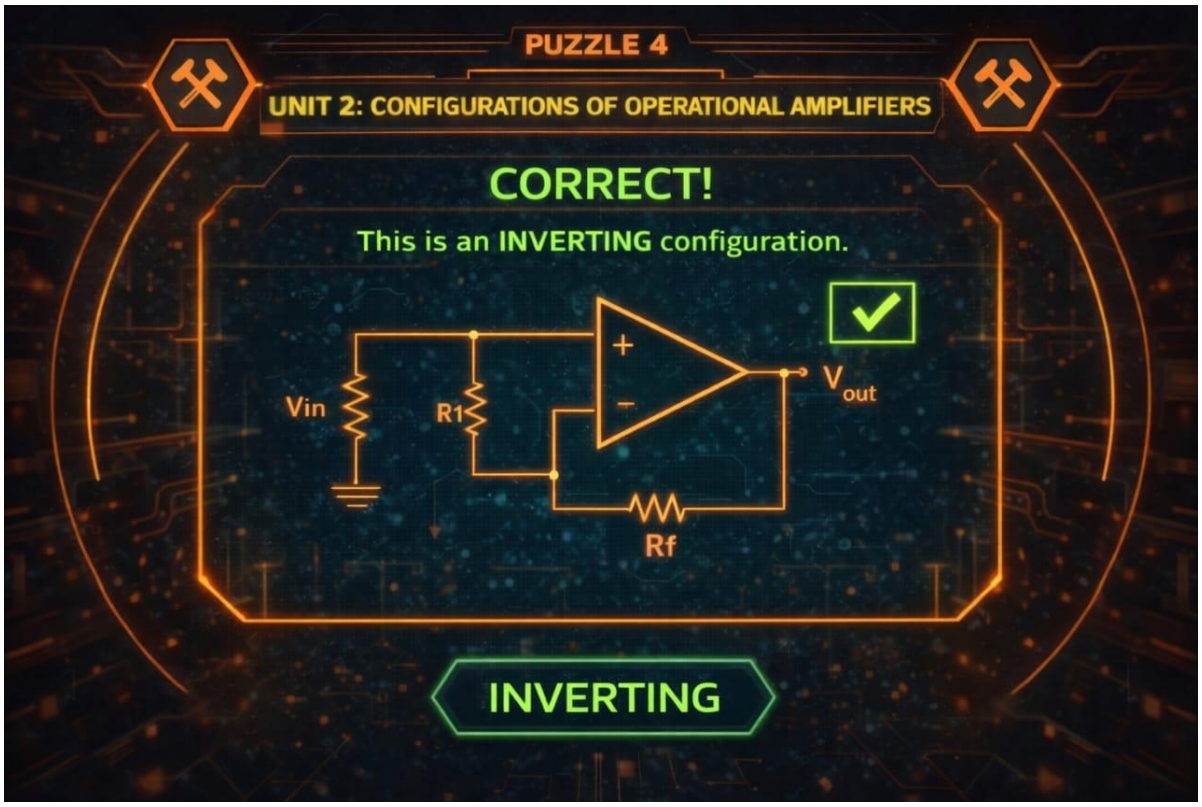
Answer :


PUZZLE 5
UNIT 2: APPLICATIONS OF OPERATIONAL AMPLIFIERS
CORRECT!
This is an INTEGRATOR circuit.
C
Vin
R1
Rf
Vout
What type of op-amp circuit is this?
INTEGRATOR

Puzzle 2
Question : Is the following circuit Inverting or Non Inverting



Answer:


PUZZLE 4
UNIT 2: CONFIGURATIONS OF OPERATIONAL AMPLIFIERS
CORRECT!
This is an INVERTING configuration.
Vin
R1
Rf
Vout
INVERTING