19. - to - 4 R2 V2

ERO 020

VO 1 2 PRI 2 PRI 2 DeGation Va=AVe > Ve=Vn/A Definition: Vez V; -V, -V, -V, -Ve = V; -Va/A Current: 0 = Vz-V1 + Vz-Vn -10 V2 (R2+Ra) = (V1+Va+Ia) 0= V1-0 + V1-V2 V7 = V2 (RIR2) = (RI+R2) 72 Shlithte: V2 (R2 Ka) 2 (R1 V2 + Va + Jo)

(R2 (R1 + R2) V2 + Ra + Jo) V2 (R2+Ra - R1 R2(R1+R2)) = Va + Io $V_0 = V_2 = \left(\frac{R_2 R_0 (R_1 + R_2)}{(R_2 + R_0)(R_1 + R_2) - R_1 R_0}\right) \left(\frac{V_0}{R_0} + J_0\right)$ B

16.
$$V_{e} = V_{i} - V_{i}$$

70. $V_{e} = V_{i} - V_{i}$

71. $R_{1} = V_{2} = R_{1} = V_{0}$

72. $V_{e} = V_{i} - R_{i}$

73. $V_{e} = V_{i} - R_{i}$

74. $V_{e} = V_{i} - R_{i}$

75. $V_{e} = V_{e} = V_{e}$

76. $V_{e} = V_{e} = V_{e}$

77. $V_{e} = V_{e}$

78. $V_{e} = V_{e}$

79. $V_{e} = V_{e}$

70. $V_{e} = V_{e}$

70. $V_{e} = V_{e}$

70. $V_{e} = V_{e}$

71. $V_{e} = V_{e}$

72. $V_{e} = V_{e}$

73. $V_{e} = V_{e}$

74. $V_{e} = V_{e}$

75. $V_{e} = V_{e}$

76. $V_{e} = V_{e}$

77. $V_{e} = V_{e}$

78. $V_{e} = V_{e}$

79. $V_{e} = V_{e}$

70. $V_{e} = V_{e}$

70. $V_{e} = V_{e}$

71. $V_{e} = V_{e}$

72. $V_{e} = V_{e}$

73. $V_{e} = V_{e}$

74. $V_{e} = V_{e}$

75. $V_{e} = V_{e}$

76. $V_{e} = V_{e}$

77. $V_{e} = V_{e}$

78. $V_{e} = V_{e}$

79. $V_{e} = V_{e}$

79. $V_{e} = V_{e}$

70. $V_{e} = V_{e}$

70. $V_{e} = V_{e}$

71. $V_{e} = V_{e}$

72. $V_{e} = V_{e}$

73. $V_{e} = V_{e}$

74. $V_{e} = V_{e}$

75. $V_{e} = V_{e}$

76. $V_{e} = V_{e}$

77. $V_{e} = V_{e}$

78. $V_{e} = V_{e}$

79. $V_{e} = V_{e}$

79. $V_{e} = V_{e}$

70. $V_{e} = V_{e}$

70. $V_{e} = V_{e}$

71. $V_{e} = V_{e}$

72. $V_{e} = V_{e}$

73. $V_{e} = V_{e}$

74. $V_{e} = V_{e}$

75. $V_{e} = V_{e}$

76. $V_{e} = V_{e}$

77. $V_{e} = V_{e}$

78. $V_{e} = V_{e}$

79. $V_{e} = V_{e}$

79. $V_{e} = V_{e}$

70. $V_{e} = V_{e}$

70. $V_{e} = V_{e}$

70. $V_{e} = V_{e}$

71. $V_{e} = V_{e}$

72. $V_{e} = V_{e}$

73. $V_{e} = V_{e}$

74. $V_{e} = V_{e}$

75. $V_{e} = V_{e}$

76. $V_{e} = V_{e}$

77. $V_{e} = V_{e}$

78. $V_{e} = V_{e}$

79. $V_{e} = V_{e}$

79. $V_{e} = V_{e}$

70. $V_{e} = V_{e}$

70. $V_{e} = V_{e}$

71. $V_{e} = V_{e}$

72. $V_{e} = V_{e}$

73. $V_{e} = V_{e}$

74. $V_{e} = V_{e}$

75. $V_{e} = V_{e}$

76. $V_{e} = V_{e}$

77. $V_{e} = V_{e}$

78. $V_{e} = V_{e}$

79. $V_{e} = V_{e}$

79. $V_{e} = V_{e}$

70. $V_{e} = V_{e}$

70. $V_{e} = V_{e}$

71. $V_{e} = V_{e}$

71. $V_{e} = V_{e}$

72. $V_{e} = V_{e}$

73. $V_{e} = V_{e}$

74. $V_{e} = V_{e}$

75. $V_{e} = V_{e}$

76. $V_{e} = V_{e}$

77. $V_{e} = V_{e}$

$$\frac{v_0}{v_i} = 10^5 (9k) (10k)
(9050) (10k) - 50k + (9 \times 10^6)$$

$$= 90497$$
26. $v_0 = \infty$

$$v_i = \frac{R_2 R_3 (R_1 + R_2)}{10} = \frac{R_2 R_3 (R_1 + R_2)}{R_3 (R_1 + R_2)} \frac{R_2 R_3 (R_1 + R_2)}{R_4 (R_1 + R_2)} \frac{R_4 (R_1 + R_2)}{R_4 (R_1 + R_2)} \frac{R_5 (R_1 + R_2)}{R_5 (R_1 + R_2)}$$

