

**MAT 321 MATEMATİKSEL DENKLEMLERİN BİLGİSAYAR DESTEKLİ
ÇÖZÜMLERİ I FİNAL SINAVI CEVAP ANAHTARI**

C-1) `Integrate[t^(5 - 1) * Exp[-t], {t, 0, Infinity}]`

C-2) `FindRoot[Sin[t] + Exp[t] == 0, {t, 0}]`

C-3) a) `Eigenvalues[{{-2, -4, 2}, {-2, 1, 2}, {4, 2, 5}}]`

b) `Eigenvectors[{{-2, -4, 2}, {-2, 1, 2}, {4, 2, 5}}]`

C-4) a) `NProduct[(4n^2)/(4n^2 - 1), {n, 1, ∞}]`

b) `NSum[(-5)^i/i!, {i, 0, ∞}]`

C-5) `Array[ab, {3, 2}]/MatrixForm`

04.01.2019

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