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| **Yardımcı Formüller** | | | | | | |
| **tan  = t ve dx =**  **sinx =  ve cosx=** | | | | **→ u = a Sin θ ve du = a Cos θ .dθ**  **→ u = a Sec θ ve du = a Sec θ .tgθ dθ**  **→ u = a tgθ ve du = a Sec2 θ dθ** | | |
| **1 + tg2 θ = Sec2 θ** | | **1- Sin2 θ = Cos2 θ** | | | | **Sec2 θ – 1 = tg2 θ** |
| **Alan Formülleri :** | **A =** | | | | **A =** | |
| **Kısmi İntegral** | | |  | | | |
| **Yamuk Kuralı :** | | | **A** | | | |
| **Dikdörtgen Kuralı :** | | | **A** | | | |
| **Simpson Kuralı :** | | | **A** | | | |
| **Ort. Ordinat Kuralı :** | | | **A yort . (b - a)** | | | |

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|  | **R** | **R** | **L** | **sL** |
|  | **C** |  | **V** |  |

  

**BAŞARILAR DİLERİM. Doç.Dr.Mehmet Tektaş (süre:60’)**

**CEVAPLAR**