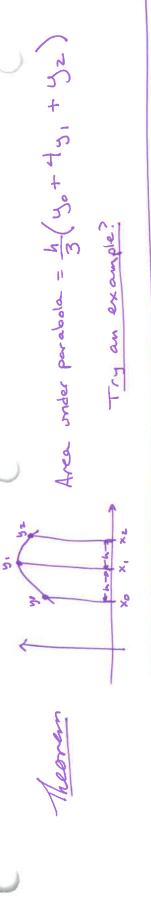


+ 29n-2+ 4yn-1 + yn) Sn=approximation with n parabolas (50, n must be even) Sn = Ax (40+44,+242+443+24++... News: Simpson's Rude

Integral perfect Actual 180+481+ 42 + 42+44+ + + 4n-2 + 49n-1+8n Sn = widthof (weighted average of the parabola) exem better Ź How do these methods compare? geod 1943 25x (8



going to prove that? wow! how are we

Stigin: y=Ax2+Bx+C

Conclusion: Area under

= h (40+44,+42) = 3 (40+44,+42) = 2h (40+44,+32)

