

Sayisal integral

(poraldir) 1 f(x)=x+2 l'in yolb sik olonak xiel. noch yolb sombi ile hosopoyun- $\frac{8-1}{7} = 1 = h$  > nok + bbrowndbk o sit webkXo X1 X2 X3 X4 X5 X6 X7

To dedoctors a) Sog dikdortgen 1 sog = h [f(ku) + f(kz) + -- . f(x6) + f(kz))

"un beob. = 1 [f/2)+f(3)+f(5)+f(6)+f(3)+f(6))

6) Sol dicaborages

$$\int_{Sol} = h \left[ f(x_0) + f(x_1) + f(x_1) + \dots + f(x_5) + f(x_6) \right]$$

$$= 1 \left[ f(x_0) + f(x_1) + f(x_1) + \dots + f(x_5) + f(x_6) \right]$$

$$= 1 \left[ f(x_0) + f(x_1) + \dots + f(x_6) + \dots + f(x_6) + \dots + f(x_6) \right]$$

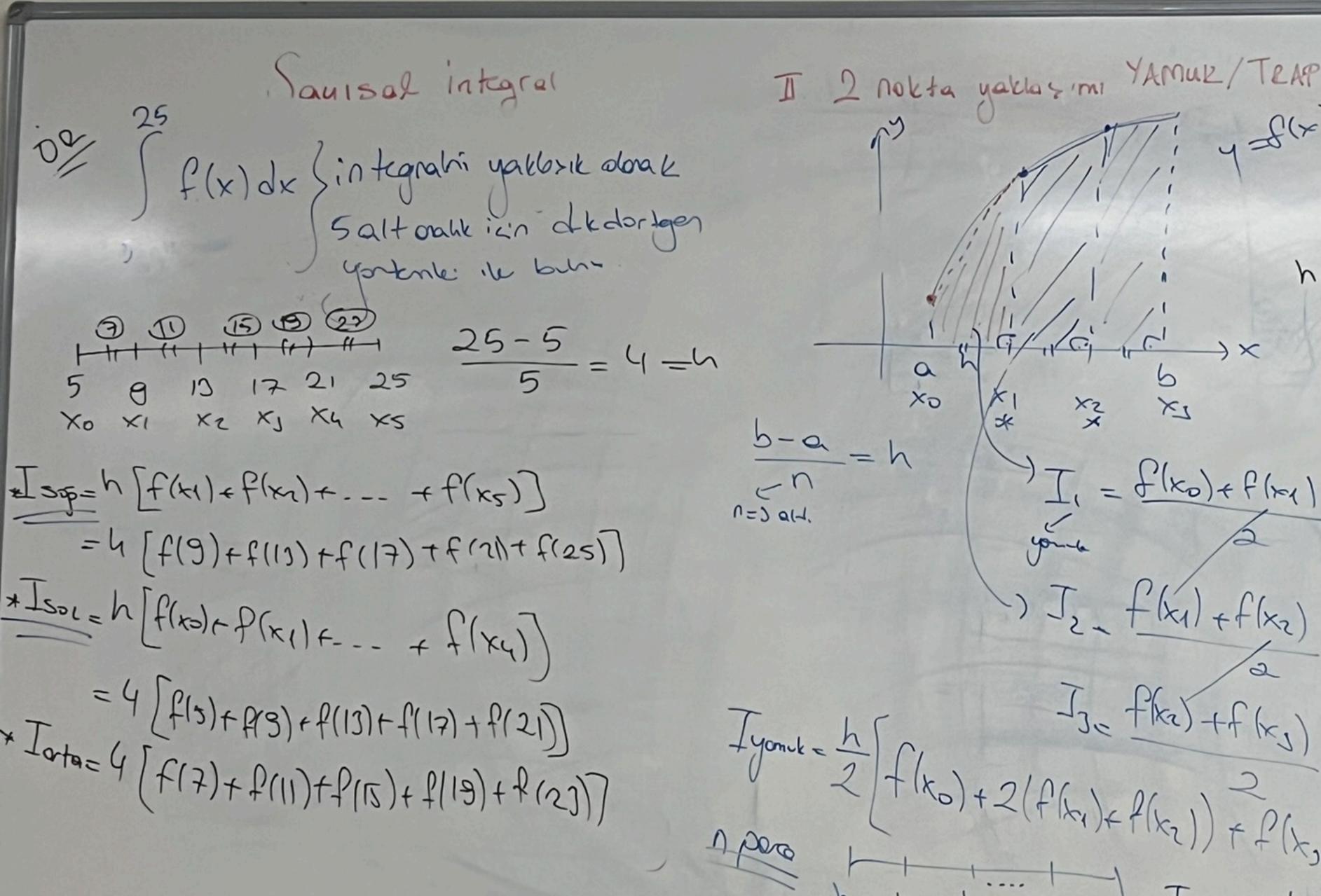
$$= 1 \left[ f(x_0) + f(x_1) + \dots + f(x_6) + \dots + f(x_6) + \dots + f(x_6) + \dots + f(x_6) \right]$$

C) Orta dedortgen

Torta = 
$$h \left[ f(x_0 + x_1) + f(x_1 + x_2) + \dots + f(x_{n+x+1}) \right]$$

=  $1 \left[ f(1.5) + f(2.5) + f(3.5) + \dots + f(3.5) + f(3.5) \right]$ 

=  $1 \left[ \frac{15}{1.5} + \frac{2}{1.5} + \frac{2}{1.5} + \frac{2}{1.5} + \dots + \frac{3}{1.5} + \frac{2}{1.5} + \dots \right]$ 



Sautsal integral

2 Sautsal integral

$$(x + 1)^2$$
 integral

 $(x + 1)^2$  integral

 $(x +$ 

I 2 nokta yakla simi YAMUR/TRAPEZ

Thopen = 
$$\frac{1}{8} \left[ f(1) + f(2) + 2 \left( f(125) + f(1.75) \right) \right]$$
 $\int_{0}^{\infty} \left( x + \frac{1}{x} \right)^{2} dx = 4.833 \text{ M}$