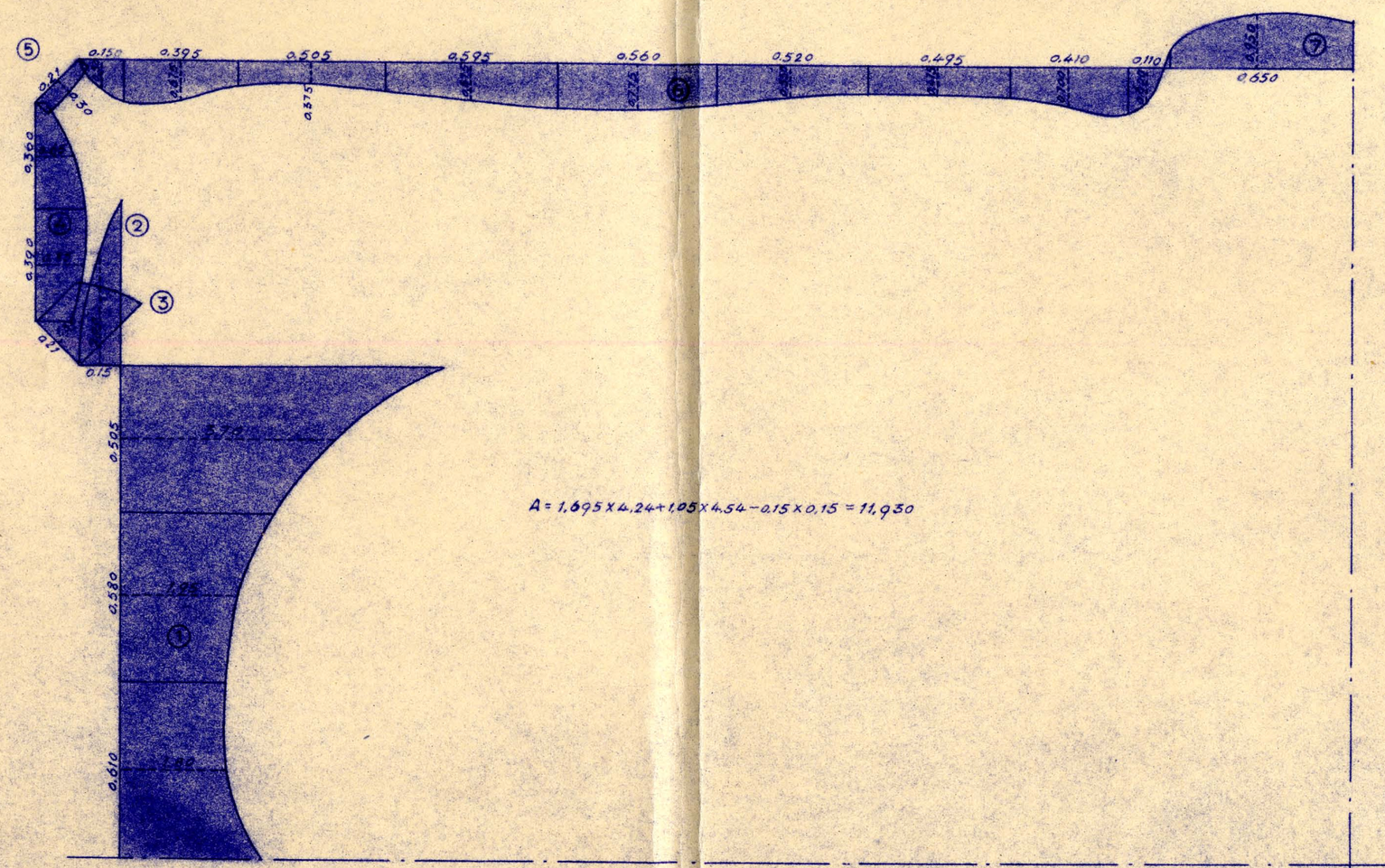
CÁLCULO DE $\int \frac{\tau ds}{A}$ CUANDO LAS CONSTANTES ARBITRARIAS SON 1 Y -1

Fig 9.



$$\int_A \tau ds = -(S_1 + S_2 + S_3 + S_4 + S_5 + S_6) + S_7$$

$-S_1 =$	0.610	X 1.800	=	1.098	
	0.580	X 1.950	=	1.131	
	0.505	X 3.700	=	1.868	
$-S_2 =$	0.150	X 2.000	=	0.300	
$-S_3 =$	0.210	X 1.300	=	0.273	
$-S_4 =$	0.390	X 0.850	=	0.331	
	0.360	X 0.650	=	0.234	
$-S_5 =$	0.210	X 0.300	=	0.063	
$-S_6 =$	0.150	X 0.500	=	0.075	
	0.395	X 0.675	=	0.266	
	0.505	X 0.375	=	0.189	
	0.595	X 0.675	=	0.401	
	0.560	X 0.775	=	0.434	
	0.520	X 0.550	=	0.286	
	0.495	X 0.475	=	0.235	
	0.410	X 0.700	=	0.287	
	0.110	X 0.600	=	0.066	-7.537
$S_7 =$	0.650	X 0.950	=		0.262
					7.275

$$\int \frac{\tau ds}{A} \quad \frac{-7.275}{11.930} = +0.61 \quad +$$

$$A = 1.695 \times 4.24 + 1.05 \times 4.54 - 0.15 \times 0.15 = 11.930$$

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2 | 11/1940 | ord. Torroja | traz. Viga | dib. | comp. | proc.

n 363.158