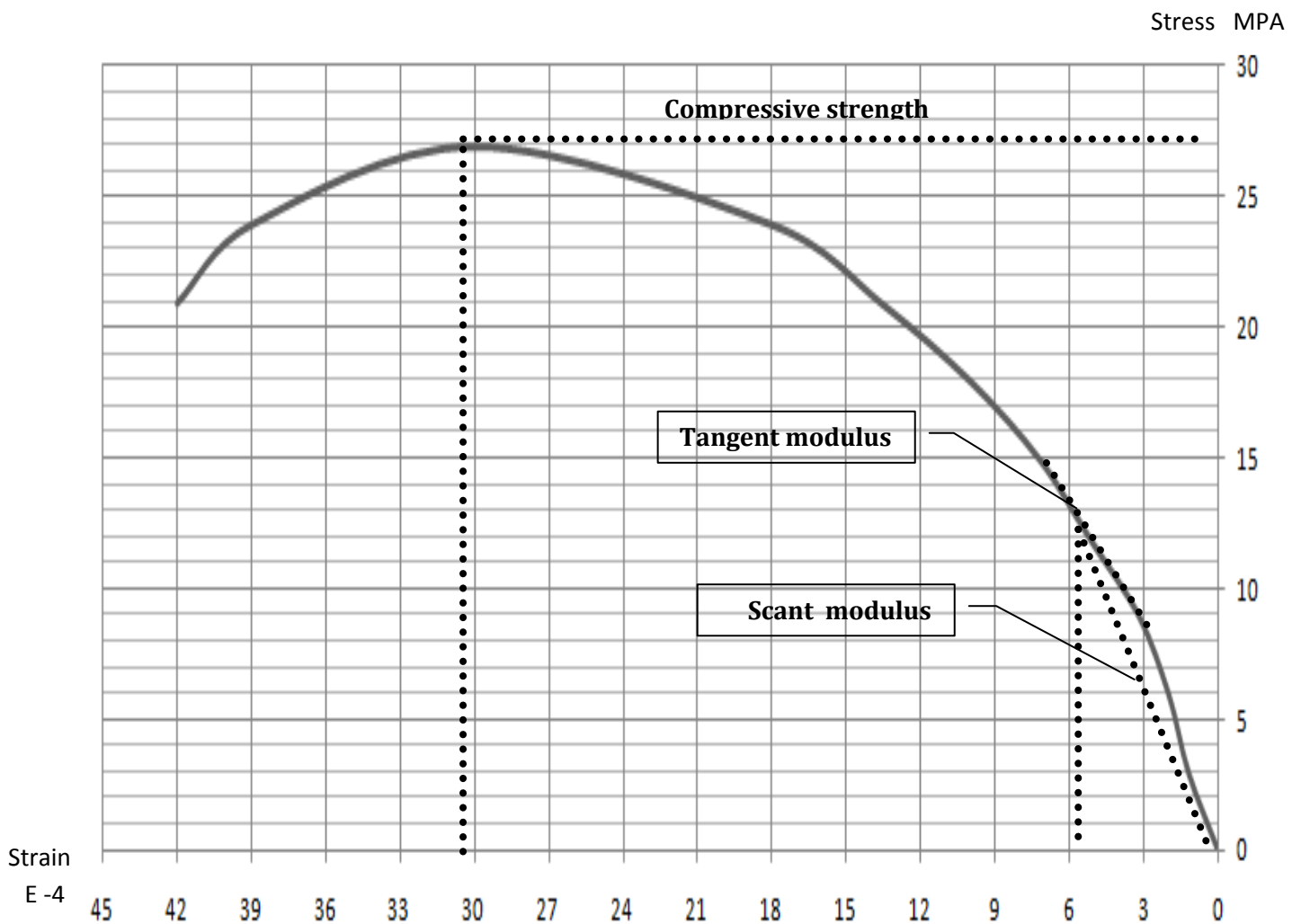


## Stress strain diagram

Stress - strain for concrete :

Area of specma		0.017719		m2	
load	stress	strain e -4	load	stress	strain
0	0	0	318	17.94709	10
53	2.991182	1.2	371	20.93827	13.6
106	5.982363	2	424	23.92945	18
159	8.973545	3.2	477	26.92063	30
212	11.96473	5.2	424	23.92945	39
265	14.95591	7.2	371	20.93827	42

**stress - strain curve**



## Stress strain diagram

Stress - strain for steel :

stress	strain e -3	stress	strain
0	0	651.97	0.155
418	0.0021	651.97	0.175
425.2	0.0051	648.82	0.195
433.07	0.0075	641.73	0.215
527.56	0.035	622.05	0.235
590.55	0.063	586.61	0.255
623.62	0.091	516.54	0.275
645.67	0.127		

