Goel-Okumoto (G-O) Model /1

- Proposed by Amrit Goel of Syracuse University and Kazu Okumoto in 1979.

- Based on NHPP(Non-Homogeneous Poisson Process)

- An example: the number of failures (y) of a software system at time t :

i	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
$t(i)$	0	2	3	7	8	9	10	11	18	21	33	35	37	44	45	47	48
$y(i)$	0	4	5	7	8	14	17	28	29	30	31	33	41	46	48	50	53
i	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
$t(i)$	49	50	51	52	53	55	56	57	63	76	83	91	106	136	198	272	358
$y(i)$	56	59	64	67	68	69	71	74	76	78	79	80	81	82	83	84	85