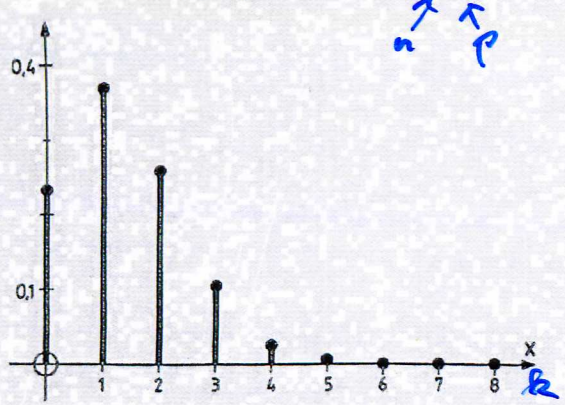
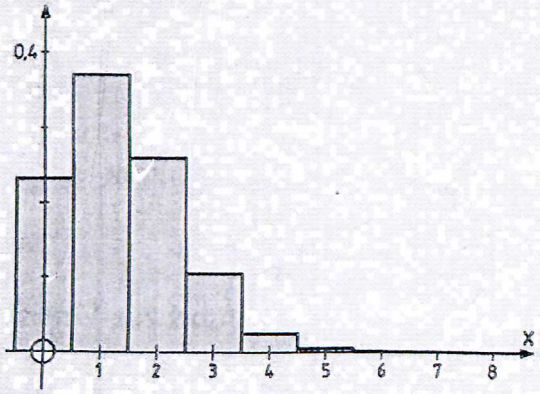
Erste (LR)
§ 9.16

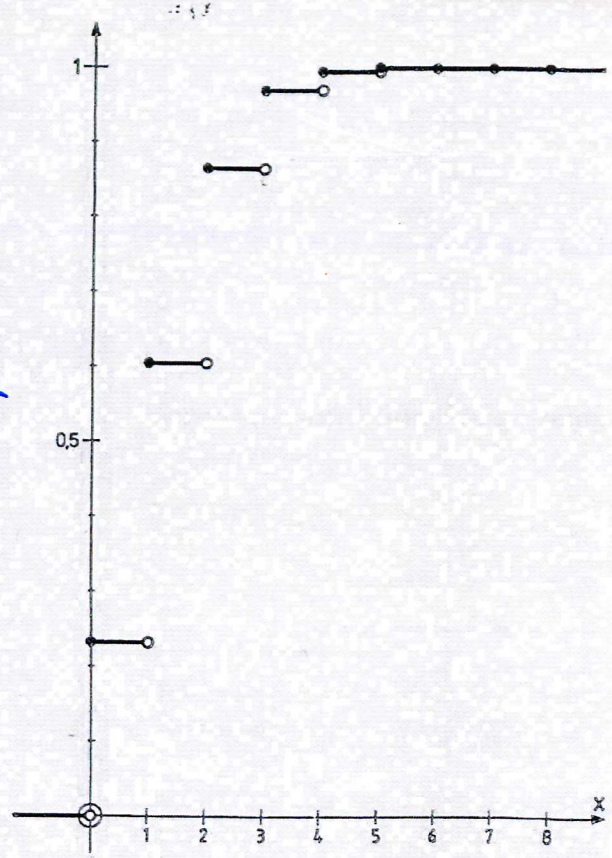
(S. 5) Grafiken zur Binomialverteilung
(siehe GRIPS)

Stabdiagramm von $B(8; \frac{1}{6})$





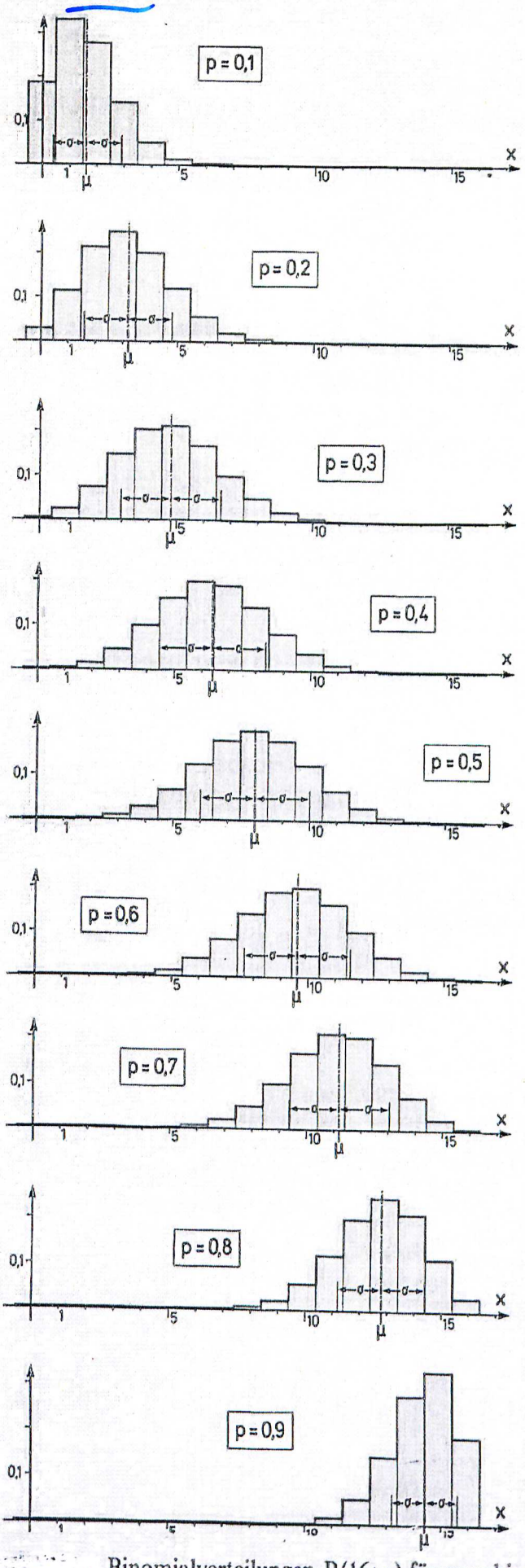
Histogramm von $B(8; \frac{1}{6})$



Graph von $F_{\frac{1}{6}}^{8}$.

EESto (LR)
§5.7

n = 16



	$p = 0{,}1$		$p = 0{,}2$		$p = 0{,}3$	
x	$B(x)$	$F(x)$	$B(x)$	$F(x)$	$B(x)$	$F(x)$
0	.185	.185	.028	.028	.003	.003
1	.329	.515	.113	.141	.023	.026
2	.275	.789	.211	.352	.073	.099
3	.142	.932	.246	.598	.146	.246
4	.051	.983	.200	.798	.204	.450
5	.014	.997	.120	.918	.210	.660
6	.003	.999	.055	.973	.165	.825
7	.000	1.000	.020	.993	.101	.926
8			.006	.999	.049	.974
9			.001	1.000	.019	.993
10					.006	.998
11					.001	1.000

	$p = 0{,}4$		$p = 0{,}5$		$p = 0{,}6$	
x	$B(x)$	$F(x)$	$B(x)$	$F(x)$	$B(x)$	$F(x)$
1	.003	.003				
2	.015	.018	.002	.002		
3	.047	.065	.009	.011	.001	.001
4	.101	.167	.028	.038	.004	.005
5	.162	.329	.067	.105	.014	.019
6	.198	.527	.122	.227	.039	.058
7	.189	.716	.175	.402	.084	.142
8	.142	.858	.196	.598	.142	.284
9	.084	.942	.175	.773	.189	.473
10	.039	.981	.122	.895	.198	.671
11	.014	.995	.067	.962	.162	.833
12	.004	.999	.028	.989	.101	.935
13	.001	1.000	.009	.998	.047	.982
14			.002	1.000	.015	.997
15					.003	1.000

	$p = 0{,}7$		$p = 0{,}8$		$p = 0{,}9$	
x	$B(x)$	$F(x)$	$B(x)$	$F(x)$	$B(x)$	$F(x)$
5	.001	.002				
6	.006	.007				
7	.019	.026	.001	.001		
8	.049	.074	.006	.007		
9	.101	.175	.020	.027	.000	.001
10	.165	.340	.055	.082	.003	.003
11	.210	.550	.120	.202	.014	.017
12	.204	.754	.200	.402	.051	.068
13	.146	.901	.246	.648	.142	.211
14	.073	.974	.211	.859	.275	.485
15	.023	.997	.113	.972	.329	.815
16	.003	1.000	.028	1.000	.185	1.000

Binomialverteilungen $B(16; p)$ für verschiedene Parameterwerte p