

ภาคผนวก

ตารางที่ 1  
มูลค่าอนาคตของเงิน 1.00 บาท

n	.5%	1%	1.5%	2%	2.5%	3%	3.5%	4%	5%	6%
1	1.005	1.010	1.015	1.020	1.025	1.030	1.035	1.040	1.050	1.060
2	1.010	1.020	1.030	1.040	1.051	1.061	1.071	1.082	1.103	1.124
3	1.015	1.030	1.046	1.062	1.077	1.093	1.109	1.125	1.158	1.191
4	1.020	1.041	1.061	1.082	1.104	1.126	1.148	1.170	1.216	1.262
5	1.025	1.051	1.077	1.104	1.131	1.159	1.188	1.217	1.276	1.338
6	1.034	1.062	1.093	1.126	1.160	1.194	1.229	1.265	1.340	1.419
7	1.036	1.072	1.110	1.149	1.189	1.230	1.272	1.316	1.407	1.504
8	1.041	1.083	1.126	1.172	1.218	1.267	1.317	1.369	1.477	1.594
9	1.046	1.094	1.143	1.195	1.249	1.305	1.363	1.423	1.551	1.690
10	1.051	1.105	1.161	1.219	1.280	1.344	1.411	1.480	1.629	1.791
11	1.056	1.116	1.178	1.243	1.312	1.384	1.460	1.539	1.710	1.898
12	1.062	1.121	1.191	1.268	1.345	1.426	1.511	1.601	1.796	2.012
13	1.067	1.138	1.214	1.294	1.379	1.469	1.564	1.665	1.886	2.133
14	1.072	1.149	1.232	1.319	1.413	1.513	1.619	1.732	1.980	2.261
15	1.078	1.161	1.250	1.346	1.442	1.558	1.675	1.801	2.079	2.397
16	1.083	1.173	1.269	1.373	1.485	1.605	1.734	1.873	2.163	2.540
17	1.088	1.184	1.288	1.400	1.522	1.653	1.795	1.948	2.292	2.693
18	1.094	1.194	1.307	1.428	1.560	1.702	1.857	2.026	2.407	2.854
19	1.099	1.208	1.327	1.457	1.599	1.754	1.923	2.107	2.527	3.026
20	1.105	1.220	1.347	1.486	1.639	1.806	1.950	2.191	2.653	3.207
25	1.133	1.282	1.451	1.644	1.854	2.094	2.363	2.666	3.386	4.292
30	1.161	1.348	1.563	1.811	2.098	2.427	2.807	3.243	4.322	5.743
40	1.221	1.489	1.814	2.220	2.685	3.262	3.959	4.801	7.040	10.286
50	1.283	1.645	2.105	2.692	3.437	4.384	5.585	7.107	11.467	18.420

  

n	7%	8%	9%	10%	12%	14%	16%	20%	25%
1	1.070	1.080	1.090	1.100	1.120	1.140	1.160	1.200	1.250
2	1.145	1.166	1.188	1.210	1.254	1.300	1.346	1.440	1.562
3	1.225	1.260	1.295	1.331	1.405	1.482	1.561	1.728	1.953
	1.311	1.360	1.412	1.464	1.574	1.689	1.811	2.074	2.441
	1.403	1.469	1.539	1.611	1.762	1.925	2.100	2.488	3.052
	1.501	1.587	1.677	1.772	1.974	2.195	2.436	2.986	3.815
	1.606	1.714	1.828	1.949	2.211	2.502	2.826	3.583	4.768
	1.718	1.851	1.993	2.144	2.476	2.853	3.278	4.300	5.960
	1.838	1.999	2.172	2.358	2.773	3.252	3.803	5.152	7.451
	1.967	2.159	2.367	2.594	3.106	3.707	4.411	7.430	9.313
	2.105	2.332	2.580	2.853	3.479	4.226	5.117	11.462	14.662
	2.24	2.518	2.813	3.138	3.896	4.818	5.936	8.916	14.552
	2.410	2.720	3.066	3.452	4.363	5.492	6.984	10.699	18.190
	2.579	2.937	3.342	3.797	4.887	6.261	7.988	12.839	22.737
	2.759	3.172	3.642	4.177	5.474	7.138	9.266	15.107	28.421
	2.952	3.426	3.970	4.595	6.130	8.137	10.748	18.488	35.527
	3.159	3.700	4.328	5.054	6.866	9.276	12.460	22.186	44.409
	3.380	3.996	4.717	5.560	7.690	10.575	14.463	26.623	55.511
19	3.617	4.314	5.142	6.116	8.613	12.056	16.777	31.948	69.389
20	3.870	4.661	5.604	6.727	9.646	13.743	19.461	38.338	86.736
25	5.427	6.848	8.623	10.893	17.060	16.462	40.874	95.3%	264.6%
30	7.612	10.063	13.268	17.449	29.960	50.950	85.850	237.376	807.794
40	14.974	21.725	31.409	45.259	93.051	188.883	310.721	1469.772	7523.164
w	29.457	46.902	74.358	117.390	289.002	700.233	1670.704	9100.438	70064.983

ตารางที่ II  
มูลค่าปัจจุบันของเงิน 1.00 บาท

n	.5%	1%	1.5%	2%	2.5%	3%	3.5%	4%	5%	6%
1										
2	.995	.990	.985	.980	.976	.971	.966	.962	.952	.943
3	.990	.980	.971	.961	.952	.945	.934	.925	.907	.890
4	.985	.961	.956	.942	.936	.928	.922	.915	.889	.860
5	.980		.942	.924	.914	.904	.891	.885	.855	.823
6	.975	.951	.928	.904	.892	.883	.871	.862	.822	.784
7	.971		.915	.888	.872	.863	.842	.822	.790	.746
8	.966	.942		.871	.841	.837	.814	.790	.746	.705
9	.961	.923	.901	.853	.821	.813	.786	.760	.711	.665
10	.956	.914	.888	.837	.801	.789	.759	.731	.677	.627
11	.951	.905	.875	.820	.781	.764	.734	.703	.645	.592
12	.947	.896	.849	.804	.762	.744	.709	.676	.614	.558
13	.942	.887	.836	.788	.744	.722	.685	.650	.585	.527
14	.937	.879	.824	.773	.725	.701	.662	.625	.557	.497
15	.933	.870	.812	.758	.708	.681	.639	.601	.530	.469
16	.928	.861	.800	.743	.690	.662	.618	.577	.505	.442
17	.923	.844	.776	.728	.674	.623	.577	.534	.461	.417
18	.919	.836	.765	.714	.657	.605	.558	.513	.436	.394
19	.910	.828	.754		.641	.570	.520	.474	.416	.371
20	.905	.820		.700	.626			.475	.396	.351
25	.889	.780	.769	.558	.539	.478	.423	.375	.295	.253
30	.861	.742	.640	.453	.477	.412	.356	.308	.231	.174
40	.779	.608	.457	.372	.291	.228	.179	.141	.087	.054

  

n	7%	8%	9%	10%	12%	14%	16%	20%	25%
1	.935	.926	.917	.909	.893	.877	.862	.833	.800
2	.873	.857	.842	.826	.797	.769	.743	.694	.640
3	.816	.794	.772	.751	.712	.675	.641	.579	.512
4	.763	.735	.708	.683	.636	.592	.552	.482	.410
5	.713	.681	.650	.621	.567	.519	.476	.402	.328
6	.666	.630	.596	.564	.507	.456	.410	.335	.262
7	.623	.583	.547	.513	.452	.400	.354	.279	.210
8	.582	.540	.502	.467	.404	.351	.305	.233	.168
9	.544	.500	.460	.424	.361	.308	.263	.194	.134
10	.508	.463	.422	.386	.322	.270	.227	.162	.107
12	.475	.429	.388	.350	.287	.237	.195	.135	.086
14	.444	.397	.356	.319	.257	.208	.168	.112	.069
16	.415	.368	.326	.290	.229	.182	.145	.093	.055
18	.388	.340	.299	.263	.205	.160	.125	.078	.044
20	.362	.313	.275	.239	.183	.140	.108	.065	.035
25	.339	.292	.252	.218	.163	.123	.093	.054	.028
30	.317	.270	.231	.198	.146	.108	.080	.045	.023
35	.296	.250	.212	.180	.130	.095	.069	.038	.018
40	.277	.232	.194	.164	.116	.083	.060	.031	.014
45	.258	.215	.178	.148	.104	.073	.051	.026	.012
50	.241	.200	.164	.136	.095	.068	.048	.024	.010
55	.225	.186	.151	.124	.087	.063	.046	.023	.009
60	.211	.174	.140	.114	.081	.059	.044	.022	.008
65	.198	.163	.130	.105	.075	.056	.042	.021	.007
70	.186	.153	.121	.097	.070	.053	.040	.020	.006
75	.175	.144	.113	.090	.065	.050	.038	.019	.005
80	.165	.136	.106	.084	.061	.047	.036	.018	.004
85	.156	.128	.100	.079	.057	.044	.034	.017	.003
90	.148	.121	.094	.074	.054	.042	.032	.016	.002
95	.141	.115	.089	.070	.051	.040	.030	.015	.001
100	.134	.109	.084	.066	.048	.038	.028	.014	.000

ตารางที่ III  
มูลค่าอนาคคของอนุกรมรายได้ที่เท่ากันทุกงวด (Uniform Series)

$$V_N = 1 \left[ \frac{(1+i)^N - 1}{i} \right] = USFV_{i,N} \quad \text{บาท}$$

n	.5%	1%	1.5%	2%	2.5%	3%	3.5%	4%	5%	6%
1		1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
2	1.000	2.010	2.015	2.020	2.025	2.030	2.035	2.040	2.050	2.060
3	2.009	3.030	3.045	3.060	3.076	3.091	3.106	3.122	3.152	3.184
4	3.018	4.060	4.092	4.122	4.153	4.184	4.214	4.246	4.310	4.375
5	4.029	5.10	5.152	5.204	5.256	5.309	5.361	5.414	5.526	5.637
6	5.041	6.152	6.230	6.308	6.388	6.468	6.550	6.633	6.802	6.975
7	6.054	7.211	7.323	7.434	7.547	7.662		7.8%	8.142	8.394
8	7.068	8.286	8.432	8.583	8.735	8.892	7.79 9.032	9.214	9.549	9.897
9	8.083	9.369	9.559	9.755	9.955	10.159	10.368	10.583	11.027	11.493
10	9.099	10.462	10.703	10.950	11.203	11.464	11.731	12.006	12.578	13.181
11	10.116	11.567	11.863	12.169	12.483	12.808	13.142	13.486	14.207	14.972
12	11.134	12.683	13.041	13.412	13.796	14.192	14.602	15.026	15.917	16.870
13	12.153	13.809	14.237	14.680	15.140	15.618	16.113	16.627	17.713	18.862
14	13.173	14.947	15.450	15.974	16.519	17.086	17.677	18.292	19.599	21.051
15	14.194	16.097	16.682	17.293	17.932	18.599	19.2%	20.024	21.579	23.276
16	15.216	17.258	17.932	18.639	19.380	20.157	20.971	21.825	23.657	25.673
17	16.239	18.430	19.201	20.012	20.865	21.762	22.705	23.6%	25.840	28.213
18	17.263	19.615	20.485	21.412	22.386	23.414	24.500	25.645	28.132	30.906
19	18.288	20.811	21.797	22.841	23.946	25.217	26.357	27.671	30.539	33.760
20	19.313	22.019	23.124	24.297	25.545	26.870	28.280	29.778	33.066	36.786
25	26.559	28.243	30.063	32.030	34.158		38.950	41.646	47.727	54.865
5	32.283	34.785	37.539	40.568	43.903	47.575	51.663	56.085	66.439	79.058
50	44.159	48.886	54.268	60.402	67.403	75.401	84.550	95.026	120.800	154.762
50	56.645	64.463	73.683	84.579	97.484	112.797	130.998	152.667	209.348	290.336

  

n	7%	8%	9%	10%	12%	14%	16%	20%	25%
1	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
2	2.070	2.080	2.090	2.100	2.120	2.140	2.160	2.200	2.250
3	3.219	3.246	3.278	3.310	3.374	3.440	3.506	3.640	3.813
4	4.350	4.396	4.453	4.511	4.779	4.921	5.066	5.368	5.766
5	5.463	5.526	5.595	5.664	6.353	6.610	6.877	7.442	8.207
6	6.558	6.637	6.723	6.809	7.716	8.115	8.536	9.390	11.259
7	7.635	7.729	7.833	7.937	9.089	10.730	14.240	12.916	15.073
8	8.694	8.803	8.923	9.047	10.300	11.233	17.518	16.499	19.842
9	9.735	9.859	9.993	10.131	11.476	16.085	21.321	20.799	25.802
10	10.759	10.897	11.045	11.197	12.749	19.337	25.959	25.959	33.253
11	11.766	11.919	12.081	12.247	14.065	23.045	32.150	32.150	42.566
12	12.756	12.924	13.096	13.273	15.428	27.271	40.850	39.581	54.208
13	13.729	13.947	14.129	14.316	16.840	32.089	50.786	48.497	68.760
14	14.685	14.976	15.168	15.365	18.304	37.581	62.672	59.196	86.949
15	15.624	15.919	16.121	16.328	20.820	43.842	77.660	72.035	109.687
16	16.546	16.876	17.088	17.305	23.400	50.980	97.442	87.442	138.109
17	17.451	17.847	18.070	18.297	26.144	59.118	123.625	105.931	173.686
18	18.339	18.829	19.062	19.299	29.058	68.394	157.141	128.117	218.045
19	19.211	19.824	20.067	20.314	32.146	78.969	198.603	154.740	273.556
20	20.067	20.831	21.081	21.338	35.412	91.025	249.380	186.688	342.945
25	26.559	28.243	30.063	32.030	44.158			471.981	1054.791
30	32.283	34.785	37.539	40.568	57.275	133.334		1181.882	3227.174
40	44.159	48.886	54.268	60.402	84.579	244.533	356.787	7343.858	30088.655
50	56.645	64.463	73.683	84.579	112.797	400.010	494.521	1005.649	280255.693

ตารางที่ IV  
มูลค่าปัจจุบันของอนุกรมรายได้ที่เท่ากันทุกงวด

$$V_0 = 1 \left[ \frac{1 - (1+i)^{-N}}{i} \right] = \text{USPV}_{1,N} \quad \text{บาท}$$

n	.5%	1%	1.5%	2%	2.5%	3%	3.5%	4%	5%	6%
1										
2	1.995	.990	.985	.980	.976	.971	.966	.962	.952	.943
3	2.970	1.970	1.956	1.942	1.927	1.913	1.900	1.886	1.859	1.833
4	3.950	2.941	2.912	2.884	2.856	2.829	2.802	2.775	2.723	2.673
5	4.926	3.902	3.854	3.808	3.762	3.717	3.673	3.630	3.546	3.465
6	5.896	4.853	4.783	4.713	4.646	4.580	4.515	4.452	4.329	4.212
7	6.862	5.795	5.697	5.601	5.508	5.417	5.329	5.242	5.076	4.917
8	7.823	6.728	6.598	6.472	6.349	6.230	6.115	6.002	5.786	5.582
9	8.779	7.652	7.486	7.325	7.170	7.020	6.874	6.733	6.463	6.210
10	9.730	8.566	8.361	8.162	7.971	7.786	7.608	7.435	7.108	6.802
11	10.677	9.471	9.222	8.993	8.752	8.530	8.317	8.111	7.722	7.360
12	11.620	10.368	10.071	9.787	9.514	9.253	9.002	8.760	8.306	7.907
13	12.558	11.255	10.90%	10.575	10.25%	9.954	9.663	9.385	8.863	8.384
14	13.489	12.134	11.732	11.348	10.983	10.633	10.303	9.986	9.394	8.853
15	14.417	13.004	12.543	12.106	11.691	11.296	10.921	10.563	9.899	9.295
16	15.340	13.865	13.343	12.849	12.381	11.938	11.517	11.118	10.300	9.712
17	16.259	14.718	14.131	13.578	13.055	12.561	12.094	11.652	10.838	10.106
18	17.173	15.562	14.908	14.292	13.712	13.166	12.653	12.186	11.274	10.477
19	18.082	16.398	15.673	14.992	14.353	13.754	13.190	12.659	11.690	10.828
20	18.987	17.226	16.426	15.678	14.979	14.324	13.710	13.134	12.085	11.158
30	23.446	18.046	17.169	16.351	15.589	14.877	14.212	13.590	12.462	11.470
40	28.172 21.794	22.023	20.720	19.223	18.424	17.413	16.482	15.622	14.094	12.703
	32.838	24.016	22.397	20.930	19.600	18.392	17.292	15.373	13.765	12.765
50	44.143	29.916	27.355	25.103	23.115	21.355	19.793	17.159	15.046	13.765
	39.196	31.424	28.362	25.730	23.456	21.482	18.256	15.762		

  

n	7%	8%	9%	10%	12%	14%	16%	20%	25%
1	.935	.926	.917	.908	.893	.877	.862	.833	.800
2	1.808	1.783	1.759	1.736	1.690	1.647	1.605	1.528	1.440
3	2.624	2.577	2.531	2.487	2.402	2.322	2.246	2.106	1.94
4	3.387	3.312	3.240	3.170	3.037	2.914	2.775	2.589	2.362
5	4.100	3.993	3.890	3.791	3.605	3.433	3.274	2.991	2.689
6	4.767	4.622	4.486	4.355	4.111	3.889	3.685	3.326	2.951
7	5.389	5.206	5.033	4.868	4.564	4.288	4.039	3.605	3.161
8	6.971	6.747	6.535	6.335	5.968	5.639	5.344	4.837	4.329
9	7.515	7.247	6.995	6.759	6.328	5.946	5.607	5.031	4.563
10	8.024	7.710	7.418	7.145	6.650	6.216	5.833	5.192	4.711
11	8.499	8.139	7.805	7.495	6.958	6.483	6.029	5.321	4.899
12	8.943	8.536	8.161	7.814	7.244	6.724	6.282	5.521	5.053
13	9.358	8.904	8.487	8.103	7.494	6.932	6.452	5.631	5.121
14	9.745	9.244	8.786	8.367	7.718	7.114	6.592	5.721	5.161
15	10.108	9.559	9.060	8.606	7.954	7.307	6.742	5.821	5.251
16	10.447	9.851	9.313	8.824	8.134	7.442	6.842	5.881	5.311
17	10.763	10.122	9.544	9.022	8.294	7.563	6.923	5.911	5.351
18	11.059	10.382	9.756	9.201	8.434	7.694	7.013	5.951	5.391
19	11.336	10.624	9.950	9.365	8.565	7.804	7.083	5.971	5.411
20	11.594	10.848	10.129	9.514	8.674	7.894	7.152	5.981	5.421
25	11.654	10.675	9.823	9.077	8.243	7.463	6.697	5.941	5.381
30	12.409	11.258	10.274	9.427	8.055	7.003	6.171	5.979	5.395
40	13.332	11.925	10.757	9.779	8.244	7.105	6.233	5.997	5.399
50	13.831	12.233	10.962	9.915	8.304	7.133	6.246	5.999	5.400