ملحق

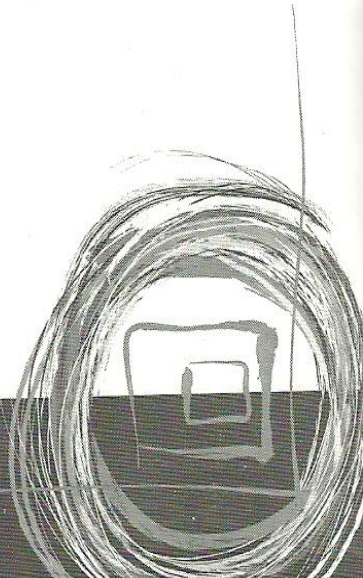
معاملات الخصم

جدول ١ القيمة المستقبلية لريال واحد في نهاية عدد من الفترات n بمعدل فائدة r

جدول ٢ القيمة المستقبلية السنوية لريال واحد لعدد من الفترات n بمعدل فائدة r

جدول ٣ القيمة الحالية لريال واحد لعدد من الفترات n مخصومة بمعدل فائدة r

جدول ٤ القيمة الحالية السنوية لريال متوقع للفترة n مخصوم بمعدل فائدة r ٪



اعداد : شامخة الآفق

جدول (3)

القيمة الحالية لريال واحد لعدد من الفترات n مخصومة بمعدل فائدة r

$$PVIF = \frac{1}{(1+r)^n}$$

7%	6%	5%	4%	3%	2%	1%	عدد الفترات n
0.9346	0.9434	0.9524	0.9615	0.9709	0.9804	0.9901	1
0.8734	0.8900	0.9070	0.9246	0.9426	0.9612	0.9803	2
0.8163	0.8396	0.8633	0.8890	0.9151	0.9423	0.9706	3
0.7629	0.7921	0.8227	0.8548	0.8885	0.9238	0.9610	4
0.7130	0.7473	0.7835	0.8219	0.8626	0.9057	0.9515	5
0.6663	0.7050	0.7462	0.7903	0.8375	0.8880	0.9420	6
0.6227	0.6651	0.7107	0.7599	0.8131	0.8706	0.9327	7
0.5820	0.6274	0.6768	0.7307	0.7894	0.8535	0.9235	8
0.5439	0.5919	0.6446	0.7026	0.7664	0.8368	0.9143	9
0.5083	0.5584	0.6139	0.6756	0.7441	0.8203	0.9053	10
0.4751	0.5268	0.5847	0.6496	0.7224	0.8043	0.8963	11
0.4440	0.4970	0.5568	0.6246	0.7014	0.7885	0.8874	12
0.4150	0.4688	0.5303	0.6006	0.6810	0.7730	0.8787	13
0.3878	0.4423	0.5051	0.5775	0.6611	0.7579	0.8700	14
0.3624	0.4173	0.4810	0.5553	0.6419	0.7430	0.8613	15
0.3387	0.3936	0.4581	0.5339	0.6232	0.7284	0.8528	16
0.3166	0.3714	0.4363	0.5134	0.6050	0.7142	0.8444	17
0.2959	0.3503	0.4155	0.4936	0.5874	0.7002	0.8360	18
0.2765	0.3305	0.3957	0.4746	0.5703	0.6864	0.8277	19
0.2584	0.3118	0.3769	0.4564	0.5537	0.6730	0.8195	20
0.2415	0.2942	0.3589	0.4388	0.5375	0.6598	0.8114	21
0.2257	0.2775	0.3418	0.4220	0.5219	0.6468	0.8034	22
0.2109	0.2618	0.3256	0.4057	0.5067	0.6342	0.7954	23
0.1971	0.2470	0.3101	0.3901	0.4919	0.6217	0.7876	24
0.1842	0.2330	0.2953	0.3751	0.4776	0.6095	0.7798	25
0.1314	0.1741	0.2314	0.3083	0.4120	0.5521	0.7419	30
0.0668	0.0972	0.1420	0.2083	0.3066	0.4529	0.6717	40
0.0339	0.5430	0.0872	0.1407	0.2281	0.3715	0.6080	50

تابع جدول (3)

القيمة الحالية لريال واحد لعدد من الفترات n مخصومة بمعدل فائدة r

$$PVIF = \frac{1}{(1+r)^n}$$

16%	14%	12%	10%	9%	8%	عدد الفترات
0.8621	0.8772	0.8929	0.9091	0.9174	0.9259	1
0.7432	0.7659	0.7972	0.8264	0.8417	0.8573	2
0.6407	0.6750	0.7118	0.7513	0.7722	0.7938	3
0.5523	0.5921	0.6355	0.6830	0.7084	0.7350	4
0.4761	0.5194	0.5674	0.6209	0.6499	0.6806	5
0.4104	0.4556	0.5066	0.5645	0.5963	0.6302	6
0.3538	0.3996	0.4523	0.5132	0.5470	0.5835	7
0.3050	0.3506	0.4039	0.4665	0.5019	0.5403	8
0.2630	0.3075	0.3606	0.4241	0.4604	0.5002	9
0.2267	0.2697	0.3220	0.3855	0.4224	0.4632	10
0.1954	0.2366	0.2875	0.3505	0.3875	0.4289	11
0.1685	0.2076	0.2567	0.3186	0.3555	0.3971	12
0.1452	0.1821	0.2292	0.2897	0.3262	0.3677	13
0.1252	0.1597	0.2046	0.2633	0.2992	0.3405	14
0.1079	0.1401	0.1827	0.2394	0.2745	0.3152	15
0.0930	0.1229	0.1631	0.2176	0.2519	0.2919	16
0.0802	0.1078	0.1456	0.1978	0.2311	0.2703	17
0.0691	0.0946	0.1300	0.1799	0.2120	0.2502	18
0.0596	0.0829	0.1161	0.1635	0.1945	0.2317	19
0.0514	0.0728	0.1037	0.1468	0.1784	0.2145	20
0.0443	0.0638	0.0926	0.1351	0.1637	0.1987	21
0.0382	0.0560	0.0826	0.1228	0.1502	0.1839	22
0.0329	0.0491	0.0738	0.1117	0.1378	0.1703	23
0.0284	0.0431	0.0659	0.1015	0.1264	0.1577	24
0.0245	0.0378	0.0588	0.0923	0.1160	0.1460	25
0.0116	0.0196	0.0334	0.0573	0.0754	0.0994	30
0.0026	0.0053	0.0107	0.0221	0.0318	0.0460	40
0.0006	0.0014	0.0035	0.0085	0.0134	0.0213	50

تابع جدول (3)

القيمة الحالية لريال واحد لعدد من الفترات n مخصومة بمعدل فائدة r

$$PVIF = \frac{1}{(1+r)^n}$$

36%	32%	28%	24%	20%	18%	عدد الفترات
0.7353	0.7576	0.7813	0.8065	0.8333	0.8475	1
0.5407	0.5739	0.6104	0.6504	0.6944	0.7182	2
0.3975	0.4348	0.4768	0.5245	0.5787	0.6086	3
0.2923	0.3294	0.3725	0.4230	0.4823	0.5158	4
0.2149	0.2495	0.2910	0.3411	0.4019	0.4371	5
0.1580	0.1890	0.2274	0.2751	0.3349	0.3704	6
0.1162	0.1432	0.1776	0.2218	0.2791	0.3139	7
0.0854	0.1085	0.1388	0.1789	0.2326	0.2660	8
0.0628	0.0822	0.1084	0.1443	0.1938	0.2255	9
0.0462	0.0623	0.0847	0.1164	0.1615	0.1911	10
0.0340	0.0472	0.0662	0.0938	0.1346	0.1619	11
0.0250	0.0357	0.0517	0.0757	0.1122	0.1372	12
0.0184	0.0271	0.0404	0.0610	0.0935	0.1163	13
0.0135	0.0205	0.0316	0.0492	0.0779	0.0985	14
0.0099	0.0155	0.0247	0.0397	0.0649	0.0835	15
0.0073	0.0118	0.0193	0.0320	0.0541	0.0708	16
0.0054	0.0089	0.0150	0.0258	0.0451	0.0600	17
0.0039	0.0068	0.0118	0.0208	0.0376	0.0508	18
0.0029	0.0051	0.0092	0.0168	0.0313	0.0431	19
0.0021	0.0039	0.0072	0.0135	0.0261	0.0365	20
0.0016	0.0029	0.0056	0.0109	0.0217	0.0309	21
0.0012	0.0022	0.0044	0.0088	0.0181	0.0262	22
0.0008	0.0017	0.0034	0.0071	0.0151	0.0222	23
0.0006	0.0013	0.0027	0.0057	0.0126	0.0188	24
0.0005	0.0010	0.0021	0.0046	0.0105	0.0160	25
0.0001	0.0002	0.0006	0.0016	0.0042	0.0070	30
*	*	0.0001	0.0002	0.0007	0.0013	40
*	*	*	*	0.0001	0.0003	50

جدول (4)

القيمة الحالية السنوية لريال متوقع للفترة n مخصوم بمعدل فائدة r

$$PVIFA = \frac{1 - \frac{1}{(1+r)^n}}{r}$$

عدد الفترات	1%	2%	3%	4%	5%	6%	7%
1	0.9901	0.9804	0.9709	0.9615	0.9524	0.9434	0.9346
2	1.9704	1.9416	1.9135	1.8861	1.8594	1.8334	1.8080
3	2.9410	2.8839	2.8286	2.7751	2.7232	2.6730	2.6243
4	3.9020	3.8077	3.7171	3.6299	3.5460	3.4651	3.3872
5	4.8534	4.7135	4.5797	4.4518	4.3295	4.2124	4.1002
6	5.7955	5.6014	5.4172	5.2421	5.0757	4.9173	4.7665
7	6.7282	6.4720	6.2303	6.0021	5.7864	5.5824	5.3893
8	7.6517	7.3255	7.0197	6.7327	6.4632	6.2098	5.9713
9	8.5660	8.1622	7.7861	7.4353	7.1078	6.8017	6.5152
10	9.4713	8.9826	8.5302	8.1109	7.7217	7.3601	7.0236
11	10.3676	9.7868	9.2526	8.7605	8.3064	7.8869	7.4987
12	11.2551	10.5753	9.9540	9.3851	8.8633	8.3838	7.9427
13	12.1337	11.3484	10.6350	9.9856	9.3936	8.8527	8.3577
14	13.0037	12.1062	11.2961	10.5631	9.8986	9.2950	8.7455
15	13.8651	12.8493	11.9379	11.1184	10.3797	9.7122	9.1079
16	14.7179	13.5777	12.5611	11.6523	10.8378	10.1059	9.4466
17	15.5623	14.2919	13.1661	12.1657	11.2741	10.4773	9.7632
18	16.3983	14.9920	13.7535	12.6593	11.6896	10.8276	10.0591
19	17.2260	15.6785	14.3238	13.1339	12.0853	11.1581	10.3356
20	18.0456	16.3514	14.8775	13.5903	12.4622	11.4699	10.5940
21	18.8570	17.0112	15.4150	14.0292	12.8212	11.7641	10.8355
22	19.6604	17.6580	15.9369	14.4511	13.1630	12.0416	11.0612
23	20.4558	18.2922	16.4436	14.8568	13.4886	12.3034	11.2722
24	21.2434	18.9139	16.9355	15.2470	13.7986	12.5504	11.4693
25	22.0232	19.5235	17.4131	15.6221	14.0939	12.7834	11.6536
30	25.8077	22.3965	19.6004	17.2920	15.3725	13.7648	12.4090
40	32.8347	27.3555	23.1148	19.7928	17.1591	15.0463	13.3317
50	39.1961	31.4236	25.7298	21.4822	18.2559	15.7619	13.8007

تابع جدول (4)

القيمة الحالية السنوية لريال متوقع للفترة n مخصوم بمعدل فائدة r

$$PVIFA = \frac{1 - \frac{1}{(1+r)^n}}{r}$$

14%	12%	10%	9%	8%	عدد الفترات
0.8772	0.8929	0.9091	0.9174	0.9259	1
1.6467	1.6901	1.7355	1.7591	1.7833	2
2.3216	2.4018	2.4869	2.5313	2.5771	3
2.9137	3.0373	3.1699	3.2397	3.3121	4
3.4331	3.6048	3.7908	3.8897	3.9927	5
3.8887	4.1114	4.3553	4.4859	4.6229	6
4.2883	4.5638	4.8684	5.0330	5.2064	7
4.6387	4.9676	5.3349	5.5348	5.7466	8
4.9464	5.3282	5.7590	5.9952	6.2469	9
5.2161	5.6502	6.1446	6.4177	6.7101	10
5.4527	5.9377	6.4951	6.8052	7.1390	11
5.6603	6.1944	6.8137	7.1607	7.5361	12
5.8424	6.4235	7.1034	7.4869	7.9038	13
6.0021	6.6282	7.3667	7.7862	8.2442	14
6.1422	6.8109	7.6061	8.0607	8.5595	15
6.2651	6.9740	7.8237	8.3126	8.8514	16
6.3729	7.1196	8.0216	8.5436	9.1216	17
6.4674	7.2497	8.2014	8.7556	9.3719	18
6.5504	7.3658	8.3649	8.9501	9.6036	19
6.6231	7.4694	8.5136	9.1285	9.8181	20
6.6870	7.5620	8.6487	9.2922	10.0168	21
6.7429	7.6446	8.7715	9.4424	10.2007	22
7.7921	7.7184	8.8832	9.5802	10.3741	23
6.8351	7.7843	8.9847	9.7066	10.5288	24
6.8729	7.8431	9.0770	9.8226	10.6748	25
7.0027	8.0552	9.4269	10.2737	11.2578	30
7.1050	8.2438	9.7791	10.7574	11.9246	40
7.1327	8.3045	9.9148	10.9617	12.2335	50

تابع جدول (4)

القيمة الحالية السنوية لريال متوقع للفترة n مخصوم بمعدل فائدة r

$$PVIFA = \frac{1 - \frac{1}{(1+r)^n}}{r}$$

32%	28%	24%	20%	18%	16%	عدد الفترات
0.7576	0.7813	0.8065	0.8333	0.8475	0.8621	1
1.3315	1.3916	1.4568	1.5278	1.5658	1.6052	2
1.7663	1.8684	1.9813	2.1065	2.1743	2.2459	3
2.0957	2.2410	2.4043	2.5887	2.6901	2.7982	4
2.3452	2.5320	2.7454	2.9906	3.1272	3.2743	5
2.5342	2.7594	3.0205	3.3255	3.4976	3.6847	6
2.6775	2.9370	3.2423	3.6046	3.8115	4.0386	7
2.7860	3.0758	3.4212	3.8372	4.0776	4.3436	8
2.8681	3.1842	3.5655	4.0310	4.3030	4.6065	9
2.9304	3.2689	3.6819	4.1925	4.4941	4.8332	10
2.9776	3.3351	3.7757	4.3271	4.6560	5.0286	11
3.0133	3.3868	3.8514	4.4392	4.7932	5.1971	12
3.0404	3.4272	3.9124	4.5327	4.9095	5.3423	13
3.0609	3.4587	3.9616	4.6106	5.0081	5.4675	14
3.0764	3.4834	4.0013	4.6755	5.0916	5.5755	15
3.0882	3.5026	4.0333	4.7296	5.1624	5.6686	16
3.0971	3.5177	4.0591	4.7746	5.2223	5.7487	17
3.1039	3.5294	4.0799	4.8122	5.2732	5.8178	18
3.1090	3.5386	4.0967	4.8435	5.3162	5.8775	19
3.1129	3.5458	4.1103	4.8696	5.3527	5.9288	20
3.1158	3.5514	4.1212	4.8913	5.3837	5.9731	21
3.1180	3.5558	4.1300	4.9094	5.4099	6.0113	22
3.1197	3.5592	4.1371	4.9245	5.4321	6.0442	23
3.1210	3.5619	4.1428	4.9371	5.4509	6.0726	24
3.1220	3.5640	4.1474	4.9476	5.4669	6.0971	25
3.1242	3.5693	4.1601	4.9789	5.5168	6.1772	30
3.1250	3.5712	4.1659	4.9966	5.5482	6.2335	40
3.1250	3.5714	4.1666	4.9995	5.5541	6.2463	50