

v/u	u	v	d (nm)	α	v/u	u	v	d (nm)	α	v/u	u	v	d (nm)	α	v/u	u	v	d (nm)	α
0.0000	u	0		0.000	0.1538	13	2	1.105	7.053	0.2759	29	8	2.640	11.857	0.4000	5	2	0.489	16.102
0.0333	30	1	2.389	1.626	0.1538	26	4	2.209	7.053	0.2778	18	5	1.641	11.927	0.4000	10	4	0.978	16.102
0.0345	29	1	2.311	1.682	0.1579	19	3	1.618	7.223	0.2800	25	7	2.282	12.008	0.4000	15	6	1.467	16.102
0.0357	28	1	2.233	1.740	0.1600	25	4	2.132	7.311	0.2857	7	2	0.641	12.216	0.4000	20	8	1.956	16.102
0.0370	27	1	2.154	1.804	0.1667	6	1	0.513	7.589	0.2857	14	4	1.282	12.216	0.4000	25	10	2.445	16.102
0.0385	26	1	2.076	1.872	0.1667	12	2	1.027	7.589	0.2857	21	6	1.923	12.216	0.4000	30	12	2.934	16.102
0.0400	25	1	1.998	1.945	0.1667	18	3	1.540	7.589	0.2857	28	8	2.564	12.216	0.4074	27	11	2.652	16.337
0.0417	24	1	1.920	2.024	0.1667	24	4	2.054	7.589	0.2917	24	7	2.205	12.432	0.4091	22	9	2.163	16.390
0.0435	23	1	1.841	2.111	0.1667	30	5	2.567	7.589	0.2941	17	5	1.564	12.520	0.4118	17	7	1.674	16.474
0.0455	22	1	1.763	2.204	0.1724	29	5	2.490	7.827	0.2963	27	8	2.487	12.598	0.4138	29	12	2.859	16.537
0.0476	21	1	1.685	2.307	0.1739	23	4	1.976	7.889	0.3000	10	3	0.923	12.730	0.4167	12	5	1.185	16.627
0.0500	20	1	1.607	2.419	0.1765	17	3	1.463	7.994	0.3000	20	6	1.846	12.730	0.4167	24	10	2.370	16.627
0.0526	19	1	1.528	2.543	0.1786	28	5	2.412	8.080	0.3000	30	9	2.770	12.730	0.4211	19	8	1.881	16.764
0.0556	18	1	1.450	2.680	0.1818	11	2	0.949	8.213	0.3043	23	7	2.129	12.885	0.4231	26	11	2.577	16.826
0.0588	17	1	1.372	2.833	0.1818	22	4	1.899	8.213	0.3077	13	4	1.205	13.004	0.4286	7	3	0.696	16.996
0.0625	16	1	1.294	3.004	0.1852	27	5	2.335	8.350	0.3077	26	8	2.411	13.004	0.4286	14	6	1.392	16.996
0.0667	15	1	1.216	3.198	0.1875	16	3	1.385	8.445	0.3103	29	9	2.693	13.098	0.4286	21	9	2.088	16.996
0.0667	30	2	2.431	3.198	0.1905	21	4	1.821	8.565	0.3125	16	5	1.488	13.174	0.4286	28	12	2.784	16.996
0.0690	29	2	2.353	3.304	0.1923	26	5	2.257	8.639	0.3158	19	6	1.770	13.289	0.4333	30	13	2.991	17.142
0.0714	14	1	1.137	3.418	0.2000	5	1	0.436	8.948	0.3182	22	7	2.052	13.373	0.4348	23	10	2.295	17.187
0.0714	28	2	2.275	3.418	0.2000	10	2	0.872	8.948	0.3200	25	8	2.335	13.436	0.4375	16	7	1.599	17.269
0.0741	27	2	2.197	3.540	0.2000	15	3	1.308	8.948	0.3214	28	9	2.617	13.486	0.4400	25	11	2.502	17.345
0.0769	13	1	1.059	3.670	0.2000	20	4	1.744	8.948	0.3333	3	1	0.282	13.898	0.4444	9	4	0.903	17.480
0.0769	26	2	2.119	3.670	0.2000	25	5	2.180	8.948	0.3333	6	2	0.565	13.898	0.4444	18	8	1.806	17.480
0.0800	25	2	2.040	3.811	0.2000	30	6	2.616	8.948	0.3333	9	3	0.847	13.898	0.4444	27	12	2.709	17.480
0.0833	12	1	0.981	3.963	0.2069	29	6	2.539	9.223	0.3333	12	4	1.129	13.898	0.4483	29	13	2.916	17.596
0.0833	24	2	1.962	3.963	0.2083	24	5	2.103	9.280	0.3333	15	5	1.412	13.898	0.4500	20	9	2.013	17.647
0.0870	23	2	1.884	4.128	0.2105	19	4	1.667	9.367	0.3333	18	6	1.694	13.898	0.4545	11	5	1.110	17.784
0.0909	11	1	0.903	4.307	0.2143	14	3	1.231	9.515	0.3333	21	7	1.976	13.898	0.4545	22	10	2.220	17.784
0.0909	22	2	1.806	4.307	0.2143	28	6	2.461	9.515	0.3333	24	8	2.259	13.898	0.4583	24	11	2.427	17.897
0.0952	21	2	1.728	4.502	0.2174	23	5	2.025	9.637	0.3333	27	9	2.541	13.898	0.4615	13	6	1.317	17.992
0.1000	10	1	0.825	4.715	0.2222	9	2	0.795	9.826	0.3333	30	10	2.823	13.898	0.4615	26	12	2.635	17.992
0.1000	20	2	1.650	4.715	0.2222	18	4	1.589	9.826	0.3448	29	10	2.747	14.290	0.4643	28	13	2.842	18.073
0.1000	30	3	2.475	4.715	0.2222	27	6	2.384	9.826	0.3462	26	9	2.465	14.335	0.4667	15	7	1.524	18.143
0.1034	29	3	2.397	4.869	0.2273	22	5	1.948	10.023	0.3478	23	8	2.183	14.392	0.4667	30	14	3.049	18.143
0.1053	19	2	1.572	4.950	0.2308	13	3	1.153	10.158	0.3500	20	7	1.900	14.465	0.4706	17	8	1.732	18.258
0.1071	28	3	2.319	5.033	0.2308	26	6	2.307	10.158	0.3529	17	6	1.618	14.564	0.4737	19	9	1.939	18.349
0.1111	9	1	0.747	5.209	0.2333	30	7	2.666	10.257	0.3571	14	5	1.336	14.705	0.4762	21	10	2.146	18.422
0.1111	18	2	1.494	5.209	0.2353	17	4	1.512	10.333	0.3571	28	10	2.672	14.705	0.4783	23	11	2.353	18.482
0.1111	27	3	2.241	5.209	0.2381	21	5	1.871	10.440	0.3600	25	9	2.389	14.800	0.4800	25	12	2.560	18.533
0.1154	26	3	2.163	5.397	0.2400	25	6	2.230	10.513	0.3636	11	4	1.053	14.921	0.4815	27	13	2.767	18.576
0.1176	17	2	1.416	5.496	0.2414	29	7	2.589	10.566	0.3636	22	8	2.107	14.921	0.4828	29	14	2.975	18.613
0.1200	25	3	2.085	5.599	0.2500	4	1	0.359	10.893	0.3667	30	11	2.878	15.021	0.5000	2	1	0.207	19.107
0.1250	8	1	0.669	5.818	0.2500	8	2	0.718	10.893	0.3684	19	7	1.825	15.079	0.5000	4	2	0.414	19.107
0.1250	16	2	1.338	5.818	0.2500	12	3	1.077	10.893	0.3704	27	10	2.596	15.143	0.5000	6	3	0.622	19.107
0.1250	24	3	2.007	5.818	0.2500	16	4	1.435	10.893	0.3750	8	3	0.771	15.295	0.5000	8	4	0.829	19.107
0.1304	23	3	1.929	6.053	0.2500	20	5	1.794	10.893	0.3750	16	6	1.542	15.295	0.5000	10	5	1.036	19.107
0.1333	15	2	1.260	6.178	0.2500	24	6	2.153	10.893	0.3750	24	9	2.314	15.295	0.5000	12	6	1.243	19.107
0.1333	30	4	2.520	6.178	0.2500	28	7	2.512	10.893	0.3793	29	11	2.803	15.436	0.5000	14	7	1.450	19.107
0.1364	22	3	1.851	6.309	0.2593	27	7	2.435	11.242	0.3810	21	8	2.031	15.490	0.5000	16	8	1.657	19.107
0.1379	29	4	2.443	6.376	0.2609	23	6	2.076	11.302	0.3846	13	5	1.260	15.608	0.5000	18	9	1.865	19.107
0.1429	7	1	0.591	6.587	0.2632	19	5	1.717	11.387	0.3846	26	10	2.520	15.608	0.5000	20	10	2.072	19.107
0.1429	14	2	1.182	6.587	0.2667	15	4	1.359	11.517	0.3889	18	7	1.749	15.746	0.5000	22	11	2.279	19.107
0.1429	21	3	1.774	6.587	0.2667	30	8	2.717	11.517	0.3913	23	9	2.238	15.824	0.5000	24	12	2.486	19.107
0.1429	28	4	2.365	6.587	0.2692	26	7	2.358	11.612	0.3929	28	11	2.727	15.874	0.5000	26	13	2.693	19.107
0.1481	27	4	2.287	6.812	0.2727	11	3	1.000	11.742						0.5000	28	14	2.900	19.107
0.1500	20	3	1.696	6.890	0.2727	22	6	1.999	11.742						0.5000	30	15	3.108	19.107

v/u	u	v	d (nm)	alpha	v/u	u	v	d (nm)	alpha	v/u	u	v	d (nm)	alpha	v/u	u	v	d (nm)	alpha
0.5172	29	15	3.034	19.591	0.6364	11	7	1.231	22.689	0.7500	4	3	0.476	25.285	0.8500	20	17	2.512	27.320
0.5185	27	14	2.827	19.626	0.6364	22	14	2.461	22.689	0.7500	8	6	0.953	25.285	0.8519	27	23	3.394	27.355
0.5200	25	13	2.619	19.667	0.6400	25	16	2.803	22.777	0.7500	12	9	1.429	25.285	0.8571	7	6	0.882	27.457
0.5217	23	12	2.412	19.715	0.6429	14	9	1.572	22.846	0.7500	16	12	1.905	25.285	0.8571	14	12	1.765	27.457
0.5238	21	11	2.205	19.773	0.6429	28	18	3.144	22.846	0.7500	20	15	2.382	25.285	0.8571	21	18	2.647	27.457
0.5263	19	10	1.998	19.842	0.6471	17	11	1.913	22.947	0.7500	24	18	2.858	25.285	0.8571	28	24	3.530	27.457
0.5294	17	9	1.791	19.927	0.6500	20	13	2.255	23.018	0.7500	28	21	3.334	25.285	0.8621	29	25	3.665	27.551
0.5333	15	8	1.584	20.034	0.6522	23	15	2.596	23.070	0.7500	24	18	2.858	25.285	0.8636	22	19	2.783	27.581
0.5333	30	16	3.167	20.034	0.6538	26	17	2.937	23.110	0.7586	29	22	3.469	25.469	0.8667	15	13	1.900	27.638
0.5357	28	15	2.960	20.099	0.6552	29	19	3.278	23.141	0.7600	25	19	2.993	25.498	0.8696	23	20	2.918	27.693
0.5385	13	7	1.376	20.174	0.6667	3	2	0.341	23.413	0.7600	25	19	2.993	25.498	0.8750	8	7	1.018	27.796
0.5385	26	14	2.753	20.174	0.6667	6	4	0.683	23.413	0.7619	21	16	2.517	25.539	0.8750	16	14	2.036	27.796
0.5417	24	13	2.546	20.260	0.6667	9	6	1.024	23.413	0.7647	17	13	2.040	25.598	0.8750	24	21	3.054	27.796
0.5455	11	6	1.169	20.363	0.6667	12	8	1.365	23.413	0.7667	30	23	3.605	25.639	0.8800	25	22	3.189	27.889
0.5455	22	12	2.339	20.363	0.6667	15	10	1.707	23.413	0.7692	13	10	1.564	25.693	0.8824	17	15	2.171	27.933
0.5500	20	11	2.132	20.485	0.6667	18	12	2.048	23.413	0.7692	26	20	3.128	25.693	0.8846	26	23	3.325	27.975
0.5517	29	16	3.094	20.531	0.6667	21	14	2.389	23.413	0.7727	22	17	2.652	25.767	0.8889	9	8	1.153	28.055
0.5556	9	5	0.962	20.633	0.6667	24	16	2.731	23.413	0.7778	9	7	1.088	25.872	0.8889	18	16	2.307	28.055
0.5556	18	10	1.924	20.633	0.6667	27	18	3.072	23.413	0.7778	18	14	2.176	25.872	0.8889	27	24	3.460	28.055
0.5556	27	15	2.887	20.633	0.6667	30	20	3.413	23.413	0.7778	27	21	3.264	25.872	0.8929	28	25	3.596	28.128
0.5600	25	14	2.680	20.751	0.6786	28	19	3.207	23.691	0.7778	27	21	3.264	25.872	0.8947	19	17	2.443	28.163
0.5625	16	9	1.717	20.817	0.6800	25	17	2.865	23.724	0.7826	23	18	2.787	25.972	0.8966	29	26	3.732	28.196
0.5652	23	13	2.472	20.889	0.6818	22	15	2.524	23.766	0.7857	14	11	1.699	26.037	0.9000	10	9	1.289	28.259
0.5667	30	17	3.228	20.927	0.6842	19	13	2.183	23.822	0.7857	28	22	3.399	26.037	0.9000	20	18	2.578	28.259
0.5714	7	4	0.755	21.052	0.6842	19	13	2.183	23.822	0.7857	28	22	3.399	26.037	0.9000	30	27	3.867	28.259
0.5714	14	8	1.510	21.052	0.6875	16	11	1.841	23.897	0.7895	19	15	2.311	26.114	0.9048	21	19	2.714	28.346
0.5714	21	12	2.265	21.052	0.6897	29	20	3.341	23.947	0.7917	24	19	2.923	26.159	0.9091	11	10	1.425	28.425
0.5714	28	16	3.021	21.052	0.6923	13	9	1.500	24.007	0.7931	29	23	3.534	26.189	0.9091	22	20	2.849	28.425
0.5769	26	15	2.814	21.195	0.6923	26	18	3.000	24.007	0.7931	29	23	3.534	26.189	0.9130	23	21	2.985	28.497
0.5789	19	11	2.058	21.247	0.6957	23	16	2.659	24.084	0.8000	5	4	0.612	26.329	0.9167	12	11	1.560	28.562
0.5833	12	7	1.303	21.361	0.7000	10	7	1.159	24.182	0.8000	10	8	1.223	26.329	0.9167	24	22	3.120	28.562
0.5833	24	14	2.606	21.361	0.7000	20	14	2.318	24.182	0.8000	15	12	1.835	26.329	0.9200	25	23	3.256	28.622
0.5862	29	17	3.155	21.435	0.7000	30	21	3.476	24.182	0.8000	20	16	2.446	26.329	0.9231	13	12	1.696	28.677
0.5882	17	10	1.851	21.487	0.7000	20	14	2.318	24.182	0.8000	25	20	3.058	26.329	0.9231	26	24	3.392	28.677
0.5909	22	13	2.399	21.555	0.7037	27	19	3.135	24.266	0.8000	30	24	3.669	26.329	0.9259	27	25	3.527	28.728
0.5926	27	16	2.948	21.598	0.7059	17	12	1.976	24.315	0.8000	30	24	3.669	26.329	0.9286	14	13	1.831	28.775
0.6000	5	3	0.548	21.787	0.7083	24	17	2.794	24.370	0.8077	26	21	3.193	26.485	0.9286	28	26	3.663	28.775
0.6000	10	6	1.096	21.787	0.7143	7	5	0.818	24.504	0.8095	21	17	2.582	26.522	0.9310	29	27	3.798	28.819
0.6000	15	9	1.644	21.787	0.7143	14	10	1.635	24.504	0.8125	16	13	1.970	26.582	0.9333	15	14	1.967	28.859
0.6000	20	12	2.193	21.787	0.7143	21	15	2.453	24.504	0.8148	27	22	3.329	26.628	0.9333	30	28	3.934	28.859
0.6000	25	15	2.741	21.787	0.7143	28	20	3.270	24.504	0.8182	11	9	1.359	26.696	0.9375	16	15	2.103	28.933
0.6000	30	18	3.289	21.787	0.7143	21	15	2.453	24.504	0.8182	22	18	2.717	26.696	0.9412	17	16	2.238	28.998
0.6071	28	17	3.082	21.967	0.7200	25	18	2.929	24.631	0.8214	28	23	3.464	26.760	0.9444	18	17	2.374	29.055
0.6087	23	14	2.534	22.006	0.7222	18	13	2.111	24.680	0.8235	17	14	2.105	26.802	0.9474	19	18	2.509	29.106
0.6111	18	11	1.986	22.066	0.7241	29	21	3.405	24.722	0.8261	23	19	2.852	26.853	0.9500	20	19	2.645	29.152
0.6154	13	8	1.437	22.173	0.7273	11	8	1.294	24.791	0.8276	29	24	3.599	26.882	0.9524	21	20	2.781	29.193
0.6154	26	16	2.875	22.173	0.7273	22	16	2.588	24.791	0.8333	6	5	0.747	26.995	0.9545	22	21	2.916	29.231
0.6190	21	13	2.327	22.264	0.7308	26	19	3.064	24.868	0.8333	12	10	1.494	26.995	0.9565	23	22	3.052	29.265
0.6207	29	18	3.216	22.304	0.7333	15	11	1.770	24.924	0.8333	18	15	2.241	26.995	0.9583	24	23	3.187	29.296
0.6250	8	5	0.889	22.411	0.7333	30	22	3.540	24.924	0.8333	24	20	2.988	26.995	0.9600	25	24	3.323	29.325
0.6250	16	10	1.779	22.411	0.7368	19	14	2.246	25.001	0.8333	30	25	3.735	26.995	0.9615	26	25	3.459	29.351
0.6250	24	15	2.668	22.411	0.7391	23	17	2.723	25.050	0.8400	25	21	3.123	27.126	0.9630	27	26	3.594	29.376
0.6296	27	17	3.009	22.525	0.7391	23	17	2.723	25.050	0.8421	19	16	2.376	27.167	0.9643	28	27	3.730	29.399
0.6316	19	12	2.120	22.572	0.7407	27	20	3.199	25.085	0.8462	13	11	1.629	27.245	0.9655	29	28	3.866	29.420
0.6333	30	19	3.351	22.615						0.8462	26	22	3.259	27.245	0.9667	30	29	4.001	29.439
															1.0000	u	u		30.000