

Merit

q = 2	p ₁	p ₂	g	(conventional)	(Kourbatov/Wolf)	(geom. mean)	Riemann's/Gram's variant			Riemann/Gram incl. -1/ln(p)+arctan(π/ln(p))/π		
				g/ln p ₁	g/ln p ₂	2g/ln(p ₁ p ₂)	R(p ₂)-R(p ₁)	R(p ₂ +½)-R(p ₁ +½)	Σ R'(p ₁ +{1..g})	R(p ₂)-R(p ₁)	R(p ₂ +½)-R(p ₁ +½)	Σ R'(p ₁ +{1..g})
	2	3	1	1,4426950	0,9102392	1,1162213	0,4636676	0,4403205	0,4395255	0,9581649	0,7029950	0,6856104
	3	5	2	1,8204785	1,2426699	1,4770775	0,8164928	0,7908382	0,7902145	1,0617784	0,9650020	0,9602581
	7	11	4	2,0555934	1,6681296	1,8417031	1,3295410	1,3121244	1,3119165	1,3954105	1,3701635	1,3697328
	23	29	6	1,9135739	1,7818452	1,8453617	1,5701997	1,5639465	1,5639203	1,5808119	1,5741702	1,5741403
	89	97	8	1,7822785	1,7487444	1,7653522	1,6374704	1,6359133	1,6359115	1,6388311	1,6372615	1,6372596
	113	127	14	2,9614664	2,8900618	2,9253284	2,7410228	2,7390627	2,7390610	2,7405591	2,7405881	2,7405863
	1327	1361	34	4,7283454	4,7117680	4,7200421	4,6403952	4,6401715	4,6401714	4,6404731	4,6402493	4,6402493

q = 4	p ₁	p ₂	g	(conventional)	(Kourbatov/Wolf)	(geom. mean)	Riemann's/Gram's variant			Riemann/Gram incl. -1/ln(p)+arctan(π/ln(p))/π		
				g/ln p ₁ /φ(q)	g/ln p ₂ /φ(q)	2g/ln(p ₁ p ₂)/φ(q)	[R(p ₂)-R(p ₁)]/φ(q)	[R(p ₂ +½)-R(p ₁ +½)]/φ(q)	Σ R'(p ₁ +{q..kq}) q/φ(q)	[R(p ₂)-R(p ₁)]/φ(q)	[R(p ₂ +½)-R(p ₁ +½)]/φ(q)	Σ R'(p ₁ +{q..kq}) q/φ(q)
	3	7	4	1,8204785	1,0277967	1,3138350	0,7750012	0,7547966	0,7046936	0,9384508	0,8753908	0,7592263
	5	13	8	2,4853397	1,5594850	1,9164489	1,3414738	1,3224860	1,2713593	1,3926907	1,4235840	1,3163006
	17	29	12	2,1177367	1,7818452	1,9353249	1,6154969	1,6079212	1,5859875	1,6297640	1,6215552	1,5978833
	73	89	16	1,8646022	1,7822785	1,8225111	1,6789621	1,6770914	1,6715301	1,6807061	1,6788164	1,6731994
	83	103	20	2,2630370	2,1576235	2,2090734	2,0476067	2,0456509	2,0398297	2,0493213	2,0473494	2,0414807
	113	137	24	2,5383997	2,4390338	2,4877250	2,3335689	2,3319705	2,3272031	2,3348027	2,3331958	2,3284034
	691	719	28	2,1412818	2,1283513	2,1347970	2,0838097	2,0836040	2,0829872	2,0838959	2,0836901	2,0830730

q = 4422	62.929	257.497	194.568	13,3396534	11,8310298	12,5401313	12,3667135	12,3667097	12,3498906	12,3667140	12,3667102	12,3498911
q = 2211 for sum of derivative ----->									12,3582702			12,3582707
q = 45540	355.417	2.769.037	2.413.620	17,8829246	15,4080048	16,5534692	16,1847106	16,1847101	16,1617226	16,1847106	16,1847101	16,1617226

CSG (via respective Merit formula, M²*φ(q)/g)

q = 2	p ₁	p ₂	g	(conventional)	(Kourbatov/Wolf)	(geom. mean)	Riemann's/Gram's variant			Riemann/Gram incl. -1/ln(p)+arctan(π/ln(p))/π		
				g/ln p ₁	g/ln p ₂	2g/ln(p ₁ p ₂)	R(p ₂)-R(p ₁)	R(p ₂ +½)-R(p ₁ +½)	Σ R'(p ₁ +{1..g})	R(p ₂)-R(p ₁)	R(p ₂ +½)-R(p ₁ +½)	Σ R'(p ₁ +{1..g})
	2	3	1	2,0813690	0,8285354	1,2459499	0,2149877	0,1938822	0,1931826	0,9180800	0,4942019	0,4700616
	3	5	2	1,6570709	0,7721142	1,0908790	0,3333303	0,3127125	0,3122194	0,5636866	0,4656145	0,4610478
	7	11	4	1,0563660	0,6956641	0,8479676	0,4419198	0,4304176	0,4302812	0,4867926	0,4693370	0,4690420
	23	29	6	0,6102942	0,5291621	0,5675600	0,4109212	0,4076548	0,4076411	0,4164944	0,4130019	0,4129863
	89	97	8	0,3970646	0,3822634	0,3895585	0,3351636	0,3345266	0,3345258	0,3357209	0,3350781	0,3350774
	113	127	14	0,6264488	0,5966041	0,6112533	0,5366576	0,5358903	0,5358896	0,5372593	0,5364873	0,5364867
	1327	1361	34	0,6575662	0,6529635	0,6552588	0,6333314	0,6332703	0,6332703	0,6333527	0,6332916	0,6332916

q = 4	p ₁	p ₂	g	(conventional)	(Kourbatov/Wolf)	(geom. mean)	Riemann's/Gram's variant			Riemann/Gram incl. -1/ln(p)+arctan(π/ln(p))/π		
				g/ln p ₁ /φ(q)	g/ln p ₂ /φ(q)	2g/ln(p ₁ p ₂)/φ(q)	[R(p ₂)-R(p ₁)]/φ(q)	[R(p ₂ +½)-R(p ₁ +½)]/φ(q)	Σ R'(p ₁ +{q..kq}) q/φ(q)	[R(p ₂)-R(p ₁)]/φ(q)	[R(p ₂ +½)-R(p ₁ +½)]/φ(q)	Σ R'(p ₁ +{q..kq}) q/φ(q)
	3	7	4	1,6570709	0,5281830	0,8630811	0,3003134	0,2848589	0,2482965	0,4403450	0,3831545	0,2882123
	5	13	8	1,5442284	0,6079984	0,9181941	0,4498880	0,4372423	0,4040886	0,5066478	0,4848969	0,4331618
	17	29	12	0,7474682	0,5291621	0,6242471	0,4349717	0,4309018	0,4192260	0,4426884	0,4382402	0,4255385
	73	89	16	0,4345927	0,3970646	0,4151934	0,3523642	0,3515794	0,3492516	0,3530966	0,3523031	0,3499495
	83	103	20	0,5121337	0,4655339	0,4880005	0,4192693	0,4184688	0,4160905	0,4199718	0,4191639	0,4167644
	113	137	24	0,5369561	0,4957405	0,5157313	0,4537953	0,4531738	0,4513229	0,4542753	0,4536502	0,4517886
	691	719	28	0,3275063	0,3235628	0,3255256	0,3101616	0,3101004	0,3099168	0,3101873	0,3101260	0,3099424

q = 4422	62.929	257.497	194.568	1,2072344	0,9496151	1,0668582	1,0375550	1,0375543	1,0347340	1,0375551	1,0375544	1,0347341
q = 2211 for sum of derivative ----->									1,0361387			1,0361388
q = 45540	355.417	2.769.037	2.413.620	1,3991752	1,0386945	1,1988727	1,1460535	1,1460534	1,1428002	1,1460535	1,1460534	1,1428002