Case	$k=2$	$k=3$	$k=4$	$k=5$	$k=6$	$k=7$	$k=8$	$k=$
$\mathcal{G}_1$	(1, 6, 6)	(1, 8, 8)	(2, 12, 13)	(13, 12.7, 25)	(13, 15.9, 42)	(3, 11, 14)	(10, 7.5, 13)	(3,1
$\mathcal{G}_2$	(1, 6, 6)	(1, 13, 13)	(1, 15, 15)	(10, 15.2, 48)	(32, 16.4, 52)	(36, 15.1, 34)	(6, 12.6, 24)	(8, 11
$\mathcal{G}_3$	(1, 5, 5)	(1, 12, 12)	(2, 10, 15)	(12, 21.3, 76)	(18, 13.2, 38)	(11, 9.4, 15)	(9, 11.4, 21)	(6, 10
$\mathcal{G}_4$	(1, 7, 7)	(1, 16, 16)	(1, 11, 11)	(3, 11.3, 22)	(24, 14.5, 35)	(5, 18, 31)	(6, 7.6, 10)	(8, 9.
$\mathcal{G}_5$	(1, 8, 8)	(2, 12, 14)	(1, 8, 8)	(3, 23, 34)	(10,14.8, 35)	(4, 19.7, 29)	(15, 12.5, 66)	(2, 9
$\mathcal{G}_6$	(1, 8, 8)	(1, 12, 12)	(9, 16.4, 30)	(7, 15.5, 33)	(9, 9.8, 19)	(16, 14.1, 27)	(11, 10.1, 22)	(10, 7
$\mathcal{G}_7$	(1, 6, 6)	(1, 18, 18)	(4, 15.5, 20)	(8, 21.6, 34)	(21, 14, 40)	(9, 13.3, 23)	(5, 9, 23)	(5, 13
$\mathcal{G}_8$	(1, 6, 6)	(1, 22, 22)	(8, 18.2, 28)	(2, 20, 22)	(3, 10.6, 20)	(9, 12.6, 26)	(10, 12.5, 33)	(6, 8.
$\mathcal{G}_9$	(1, 7, 7)	(3, 18.3, 31)	(2, 25, 33)	(10, 9.7, 15)	(2, 14.5, 19)	(19, 10.2, 20)	(17, 8.2, 20)	(8, 7.
$\mathcal{G}_{10}$	(1, 4, 4)	(3, 13.7, 21)	(7, 22.5, 45)	(4, 12.3, 27)	(11, 15.6, 36)	(6, 16, 29)	(5, 12.8, 16)	(5, 10
(ave, max)	(6.3, 8)	(22.1, 54)	(64.1, 158)	(114.3, 256)	(193.2, 525)	(159.8, 544)	(97.1, 188)	(58.8