

Molecular Origami of SbF5²⁻-
given information

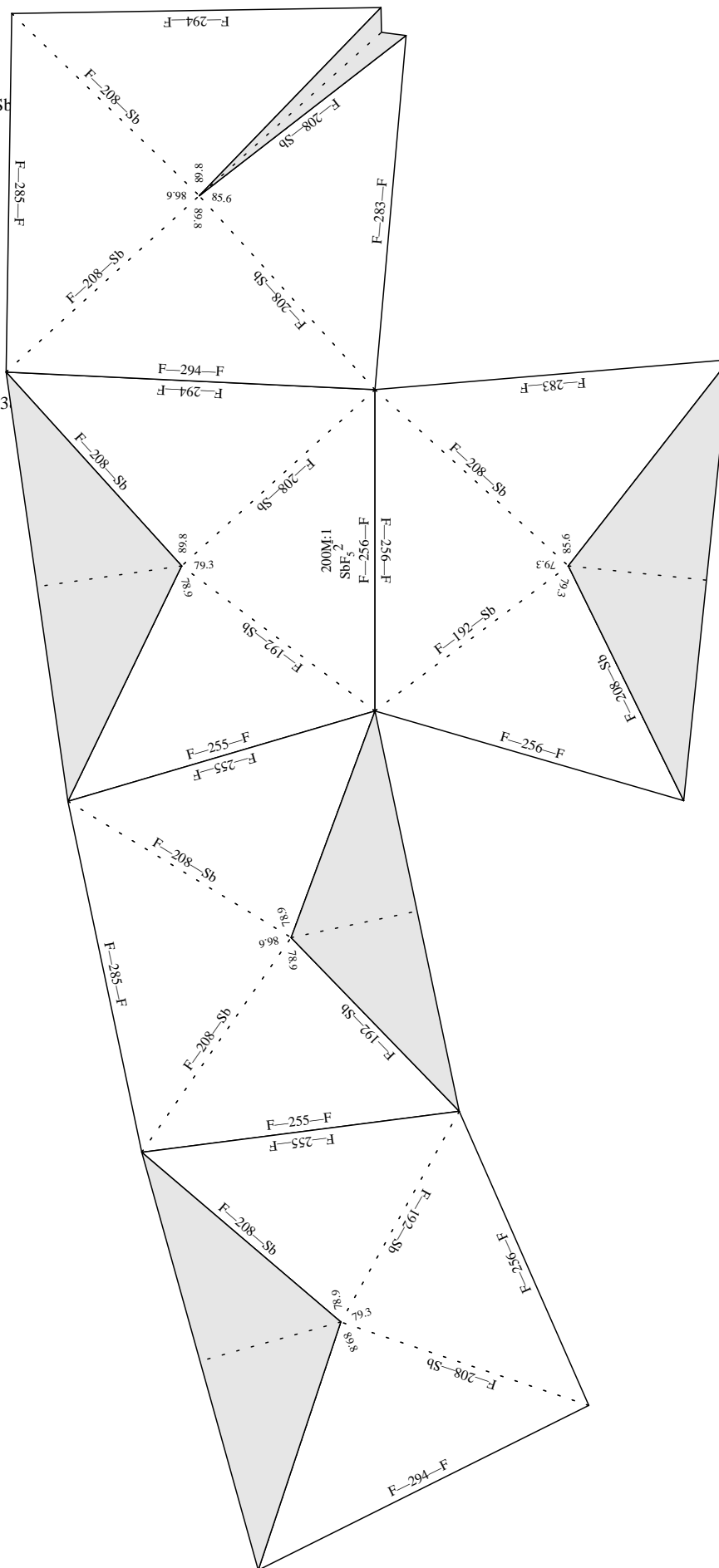
ElementNames	[(Sb) (F) (F) (F) (F) (F)]	
distance	192.365	Sb ¹ -F ¹
distance	208.134	Sb ¹ -F ⁴
distance	208.134	Sb ¹ -F ²
distance	208.231	Sb ¹ -F ⁵
distance	208.231	Sb ¹ -F ³
angle	78.884	F ⁴ -Sb ¹ -F ¹
	254.7	F ⁴ -F ¹
angle	78.884	F ² -Sb ¹ -F ¹
	254.7	F ² -F ¹
angle	79.269	F ⁵ -Sb ¹ -F ¹
	255.8	F ⁵ -F ¹
angle	79.269	F ³ -Sb ¹ -F ¹
	255.8	F ³ -F ¹
angle	85.592	F ⁵ -Sb ¹ -F ³
	282.9	F ⁵ -F ³
angle	86.598	F ⁴ -Sb ¹ -F ²
	285.5	F ⁴ -F ²
angle	89.786	F ⁴ -Sb ¹ -F ³
	293.9	F ⁴ -F ³
angle	89.786	F ⁵ -Sb ¹ -F ²
	293.9	F ⁵ -F ²
angle	158.145	F ⁵ -Sb ¹ -F ⁴
	408.8	F ⁵ -F ⁴
angle	158.145	F ³ -Sb ¹ -F ²
	408.8	F ³ -F ²
dopage	T	
AutoAlign	F	

structure type: XABCDE

!Sb1
F1
F2
F3
F4
F5
SbF5^2-

scale 200,000,000 : 1
units: pm
offsetx -1.12 offsety 2.3

Figure 1 is a 3D surface plot showing the variation of the maximum value of the function F (labeled as F_{256-F} on the vertical axis) with respect to the parameters $200M:1$ and bbF_2 (labeled on the horizontal axes). The surface is shaded, and a specific point on the surface is highlighted with dashed lines extending to the axes, indicating values of 89.8 for $200M:1$ and 79.3 for bbF_2 .



actual size: 326 705

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