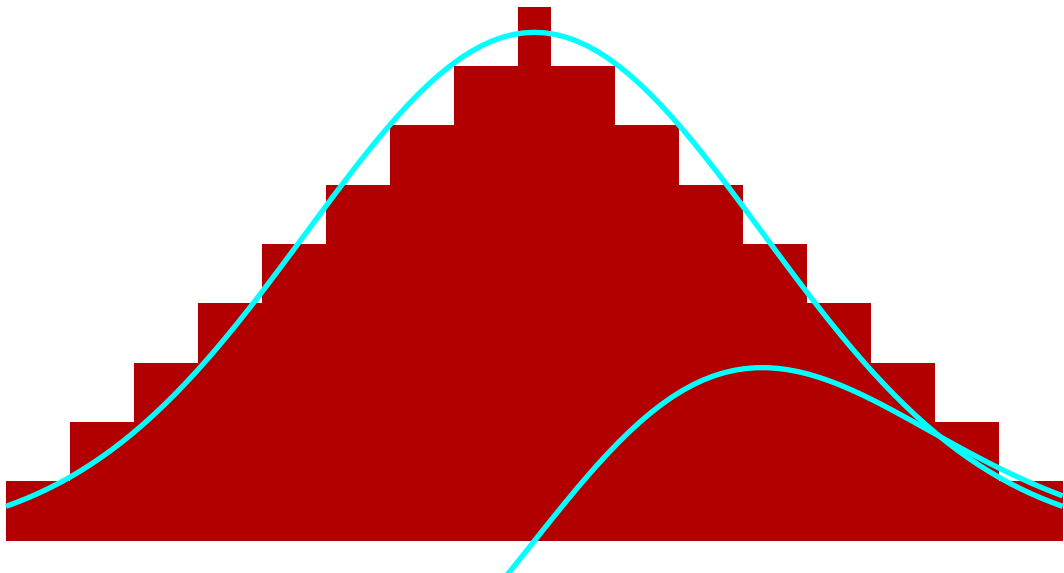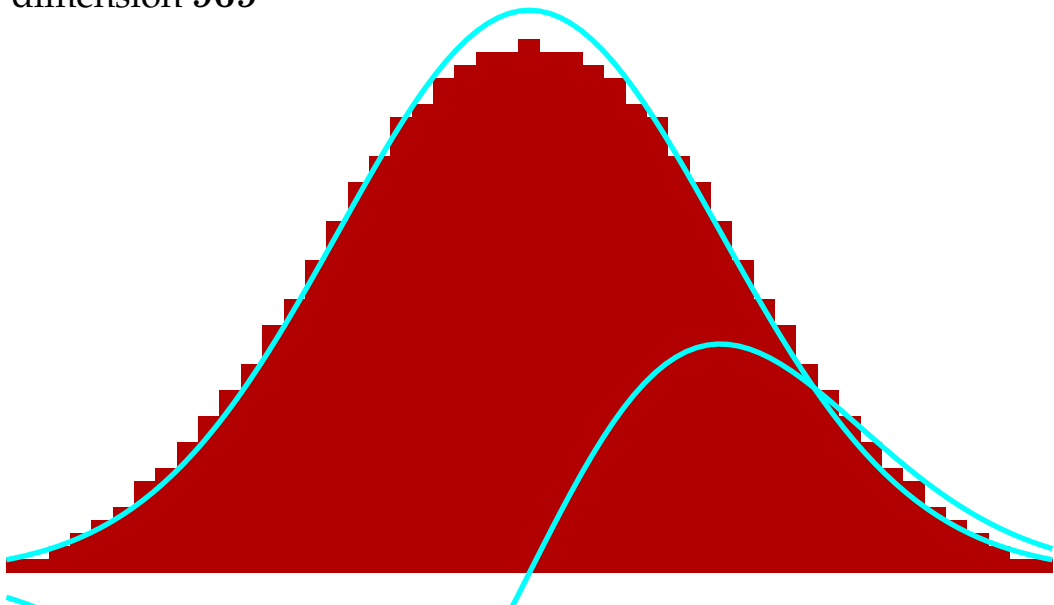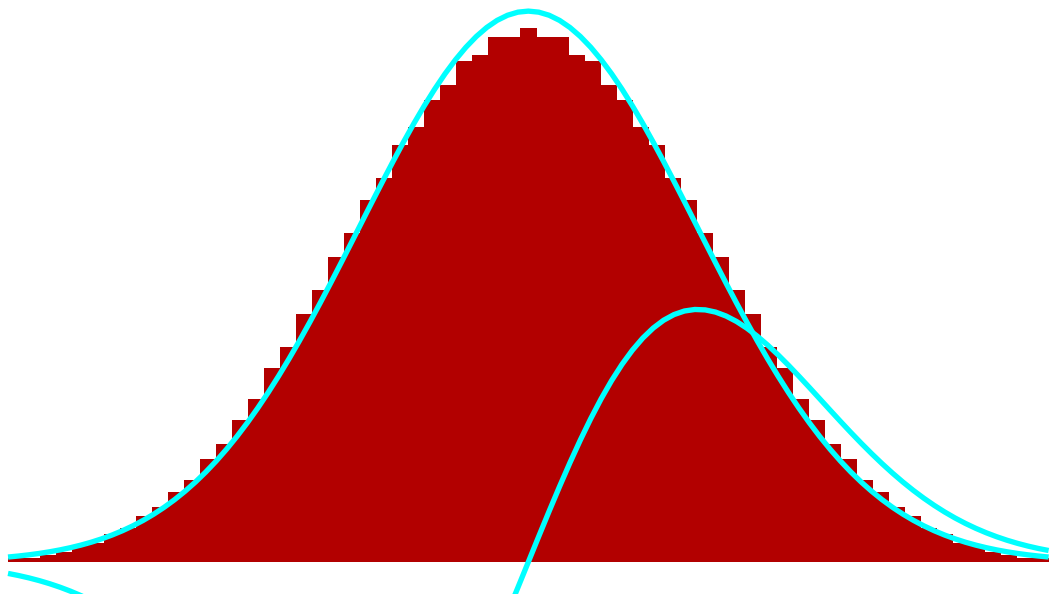weight distribution of $S^2(\sigma_{16})$
dimension **153**
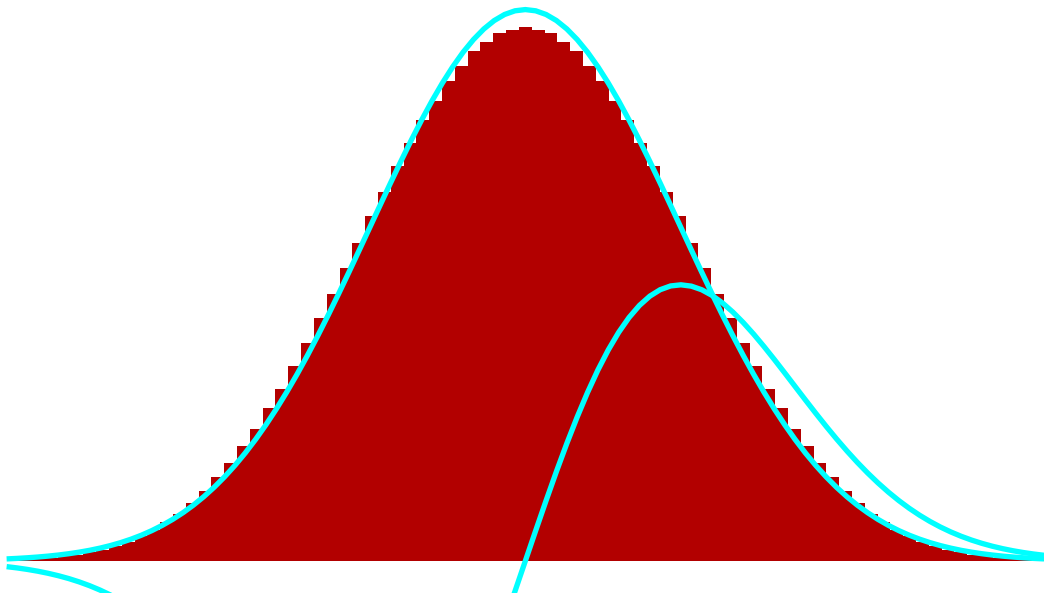
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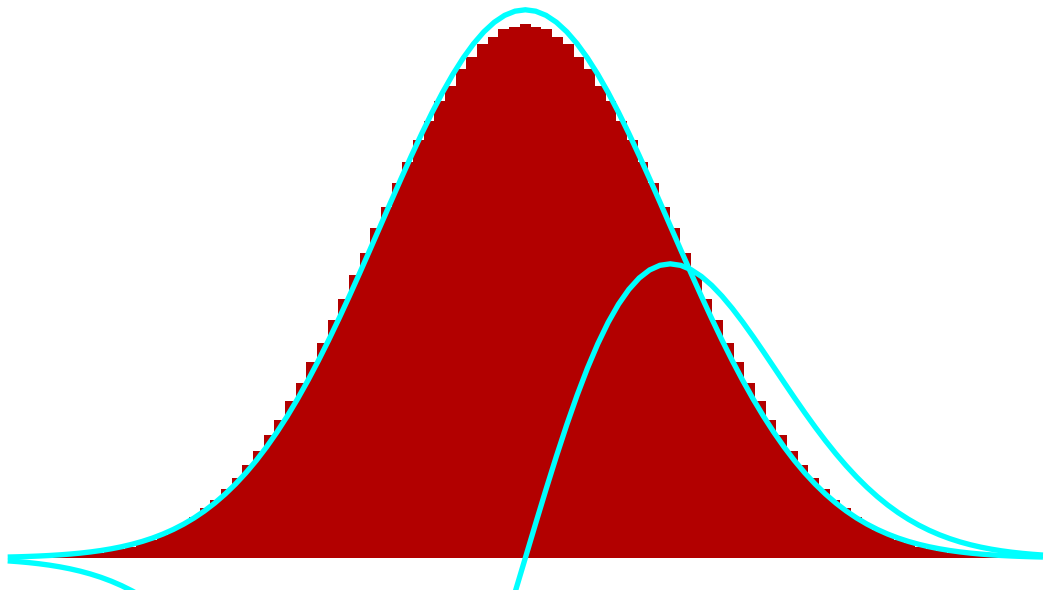dimension **969**

weight distribution of $S^4(\sigma_{16})$
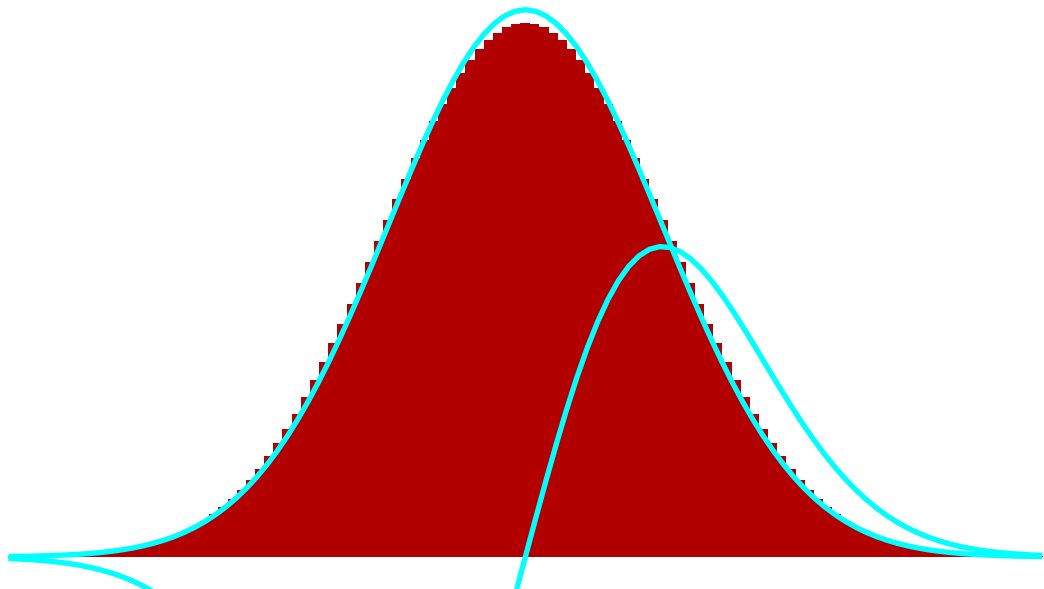dimension 4845

weight distribution of $S^5(\sigma_{16})$
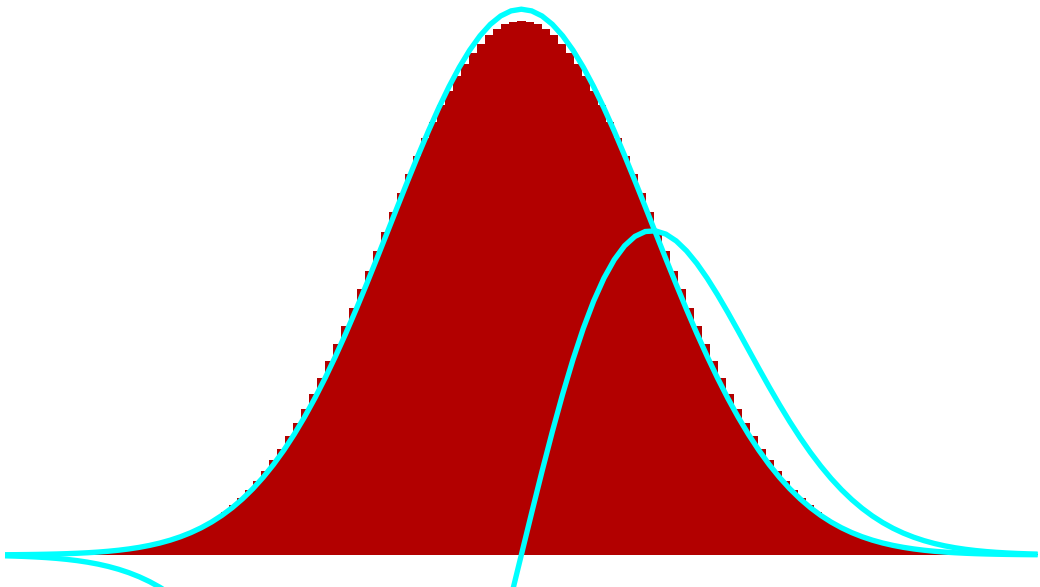dimension **20349**

weight distribution of $S^6(\sigma_{16})$
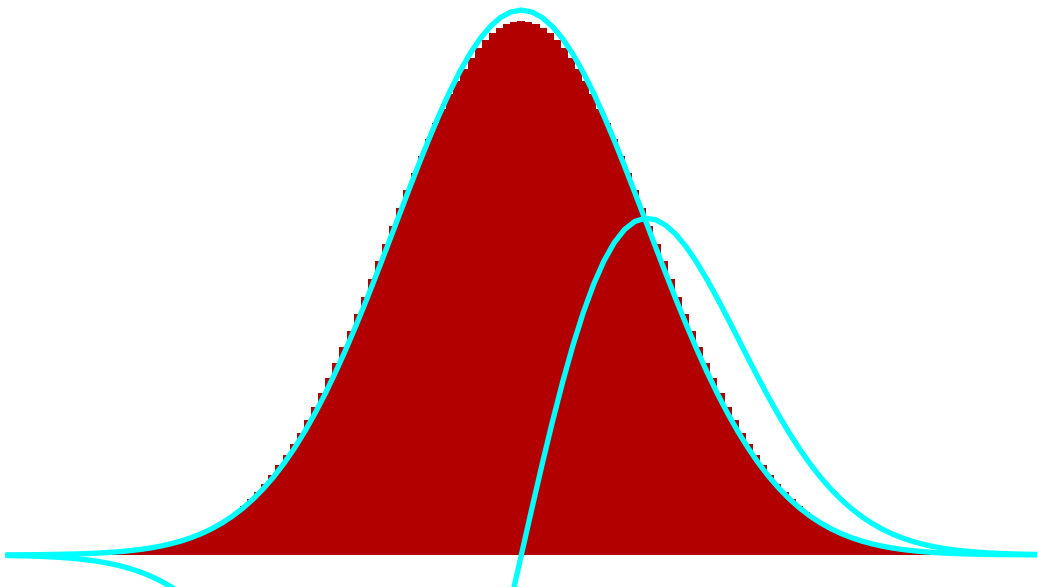dimension **74613**

weight distribution of $S^7(\sigma_{16})$
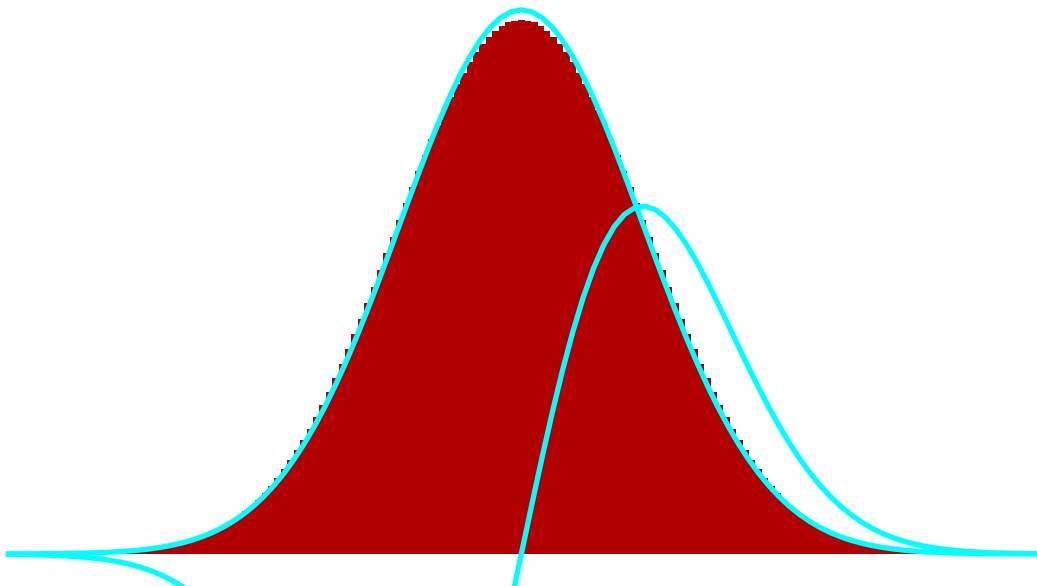dimension **245157**

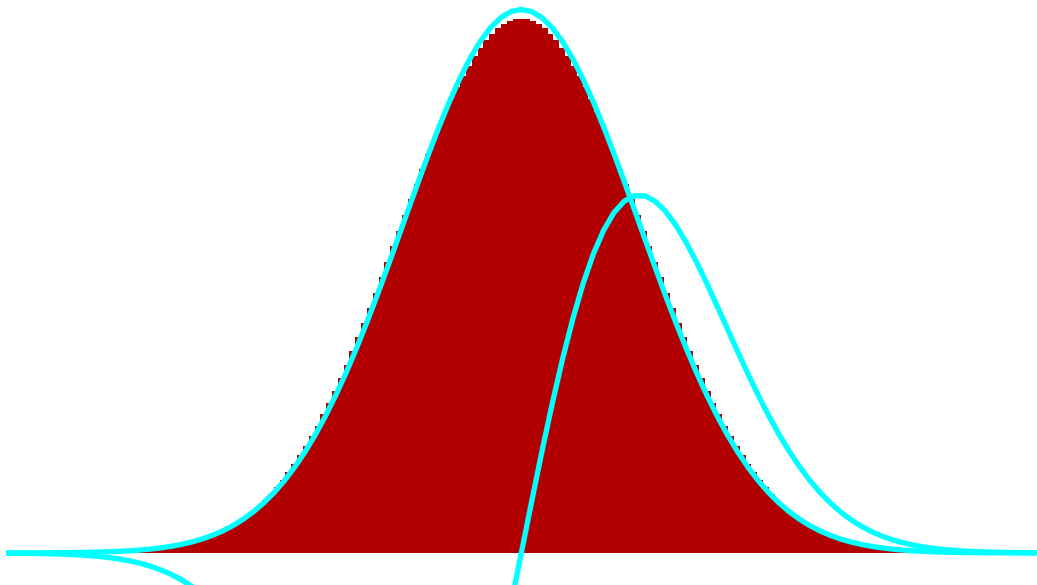weight distribution of $S^8(\sigma_{16})$
dimension **735471**

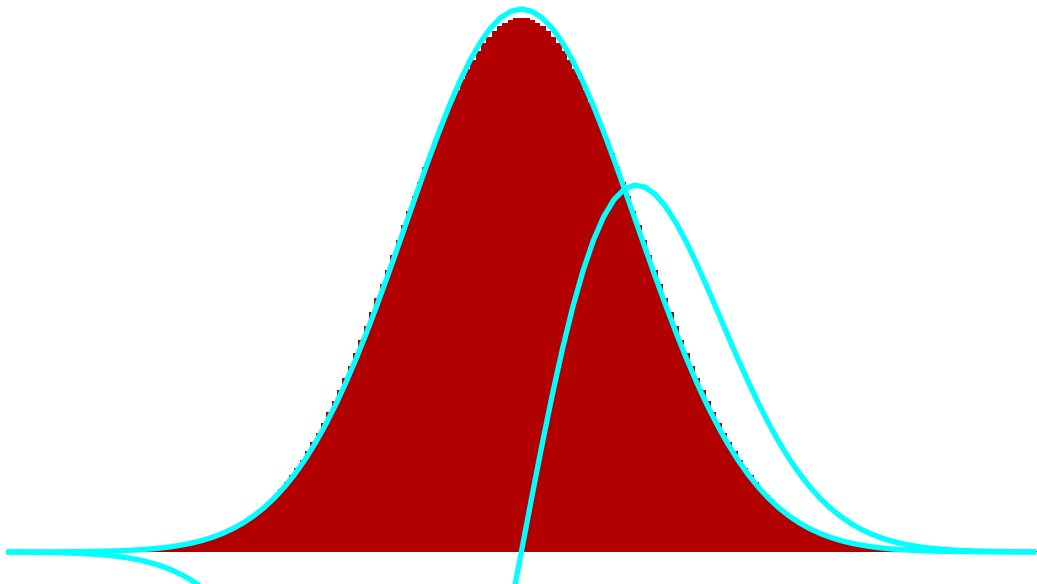weight distribution of $S^9(\sigma_{16})$
dimension **2042975**

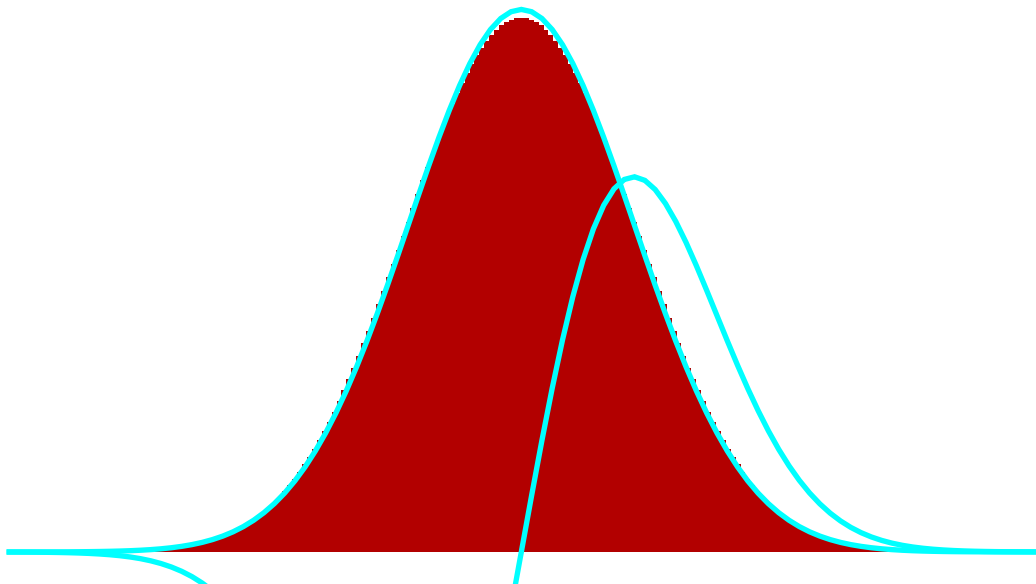weight distribution of $S^{10}(\sigma_{16})$
dimension **5311735**

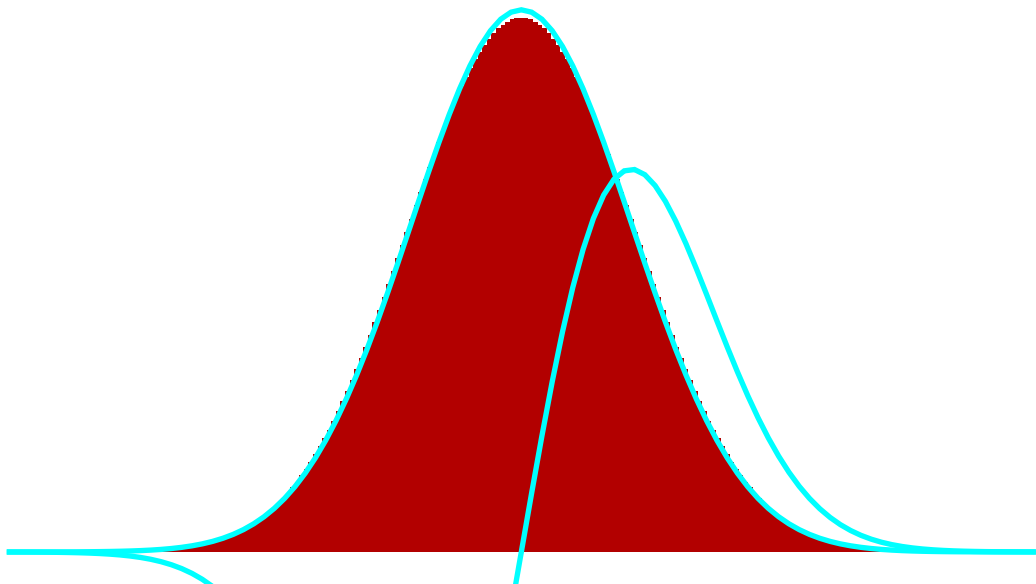weight distribution of $S^{11}(\sigma_{16})$
dimension **13037895**

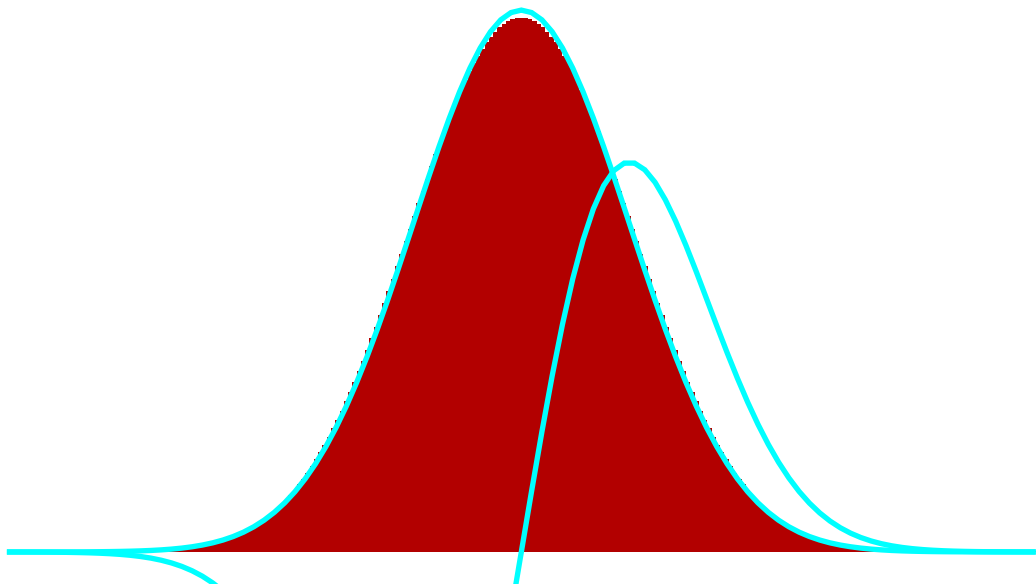weight distribution of $S^{12}(\sigma_{16})$
dimension **30421755**

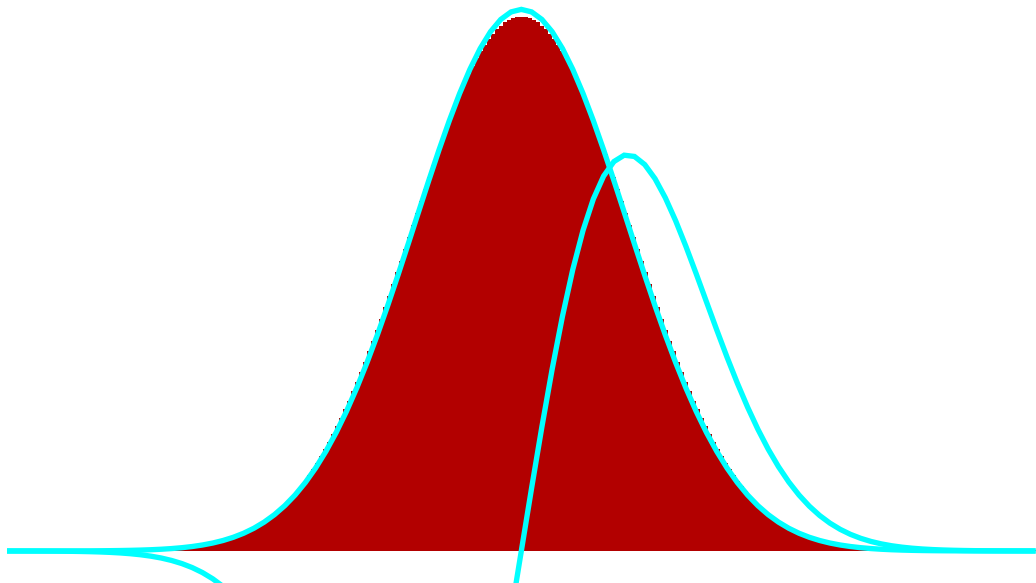weight distribution of $S^{13}(\sigma_{16})$
dimension **67863915**

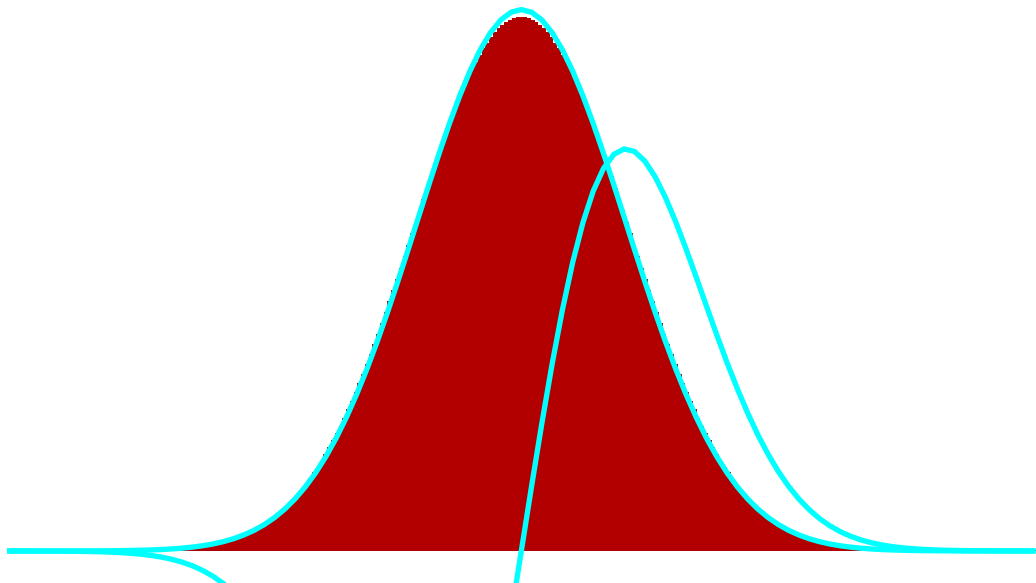weight distribution of $S^{14}(\sigma_{16})$
dimension **145422675**

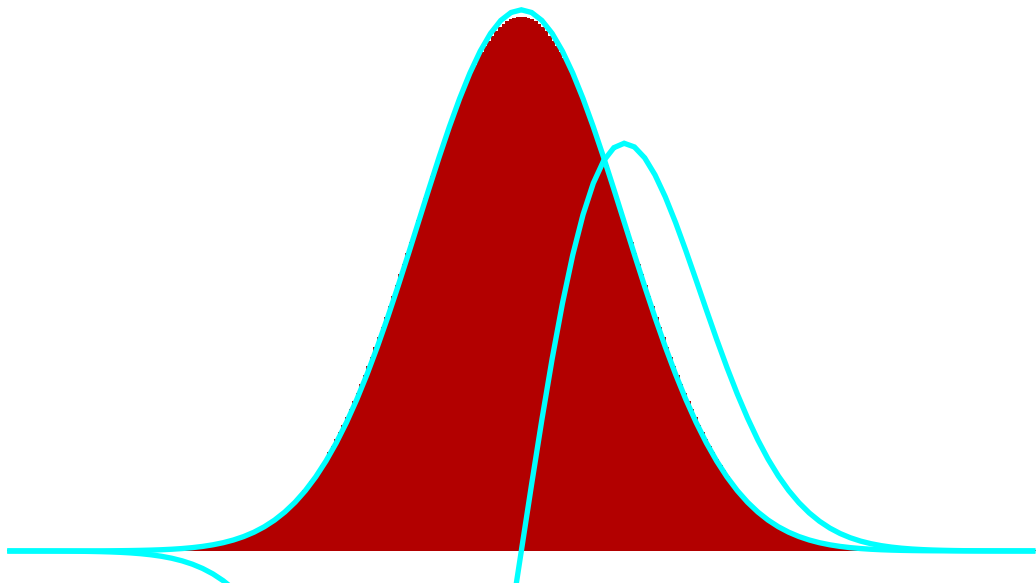weight distribution of $S^{15}(\sigma_{16})$
dimension **300540195**

weight distribution of $S^{16}(\sigma_{16})$
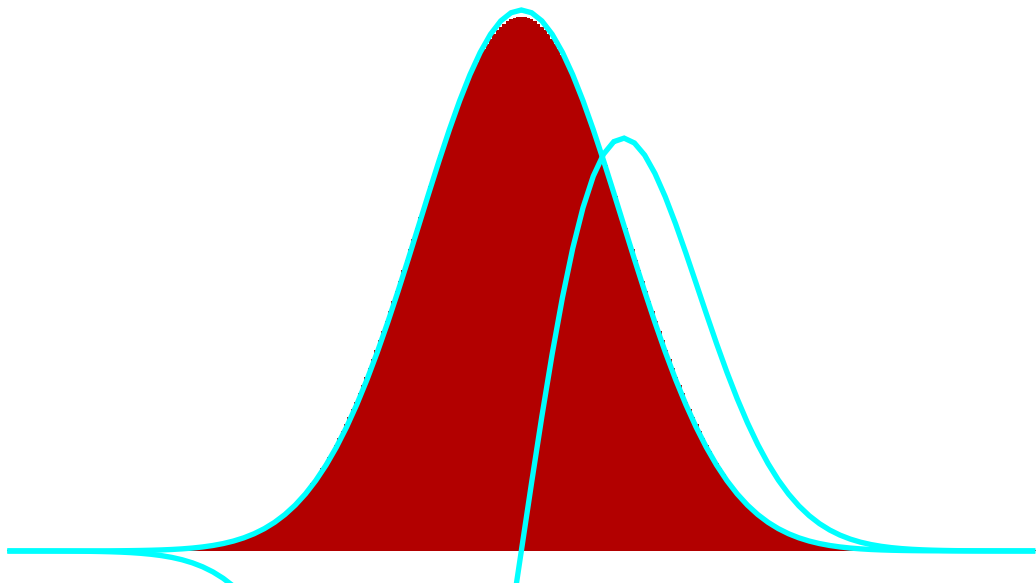dimension **601080390**

weight distribution of $S^{17}(\sigma_{16})$
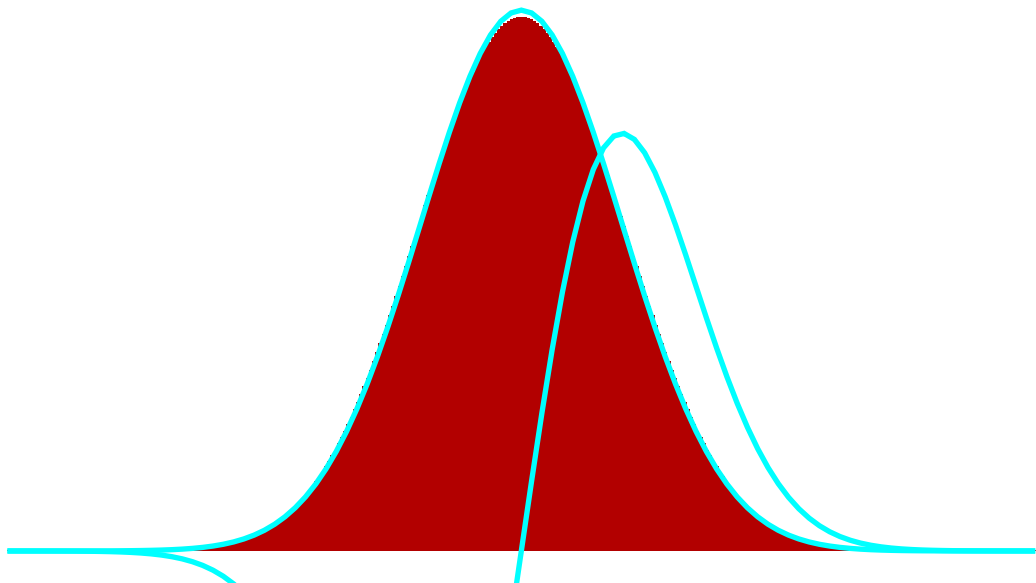dimension **1166803110**

weight distribution of $S^{18}(\sigma_{16})$
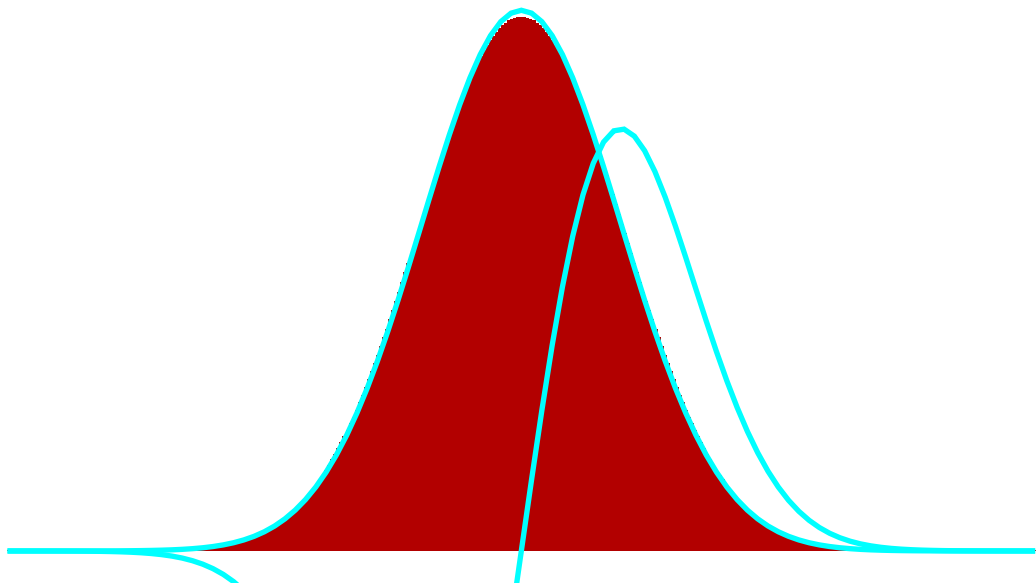dimension **2203961430**

weight distribution of $S^{19}(\sigma_{16})$
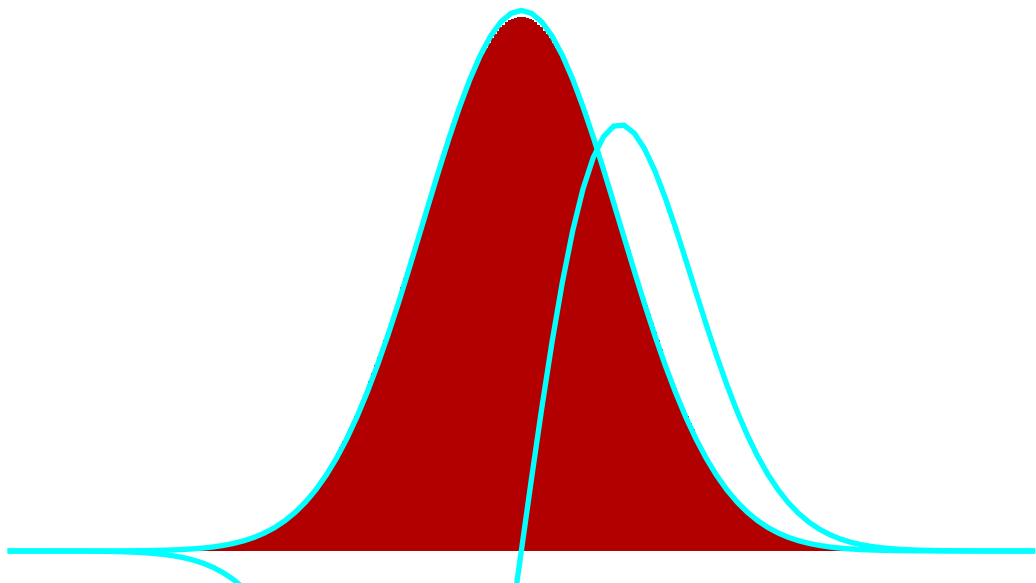dimension **4059928950**

weight distribution of $S^{20}(\sigma_{16})$
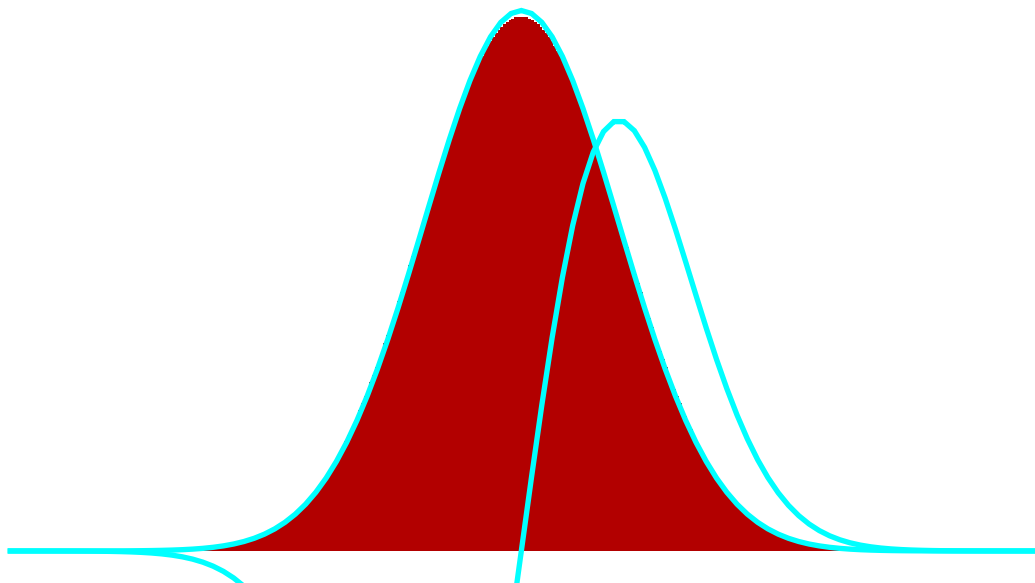dimension **7307872110**

weight distribution of $S^{21}(\sigma_{16})$
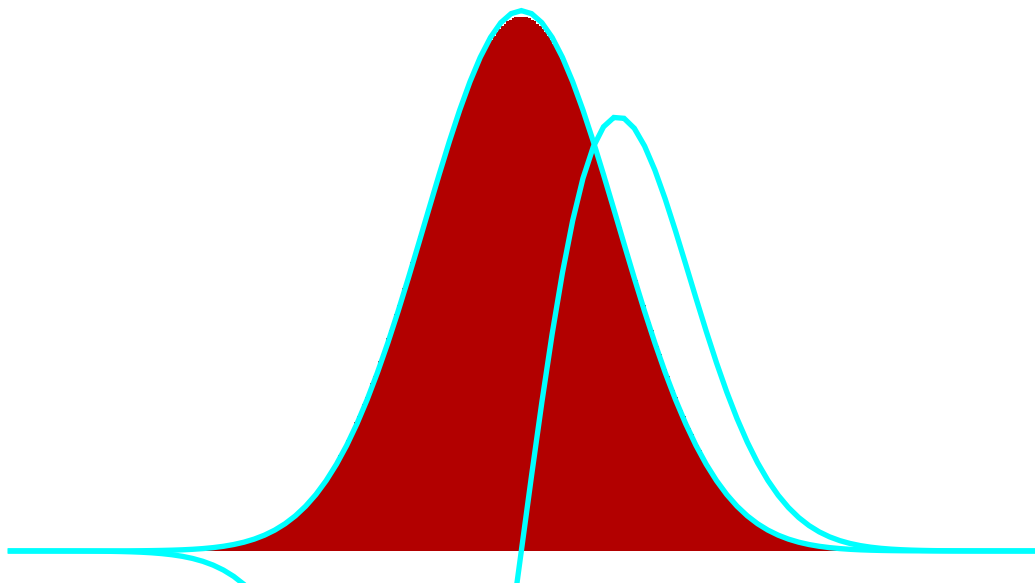dimension **12875774670**

weight distribution of $S^{22}(\sigma_{16})$
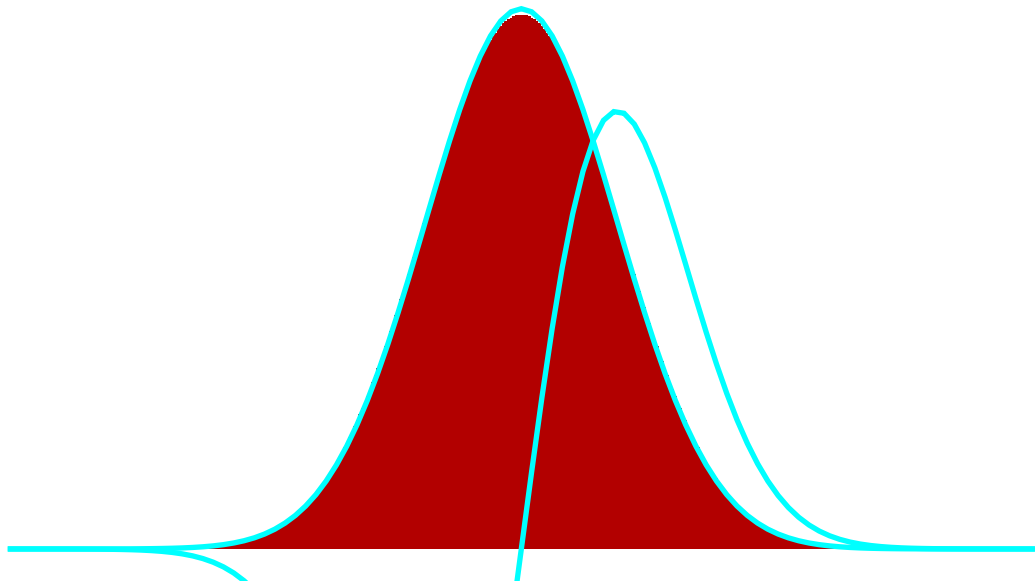dimension **22239974430**

weight distribution of $S^{23}(\sigma_{16})$
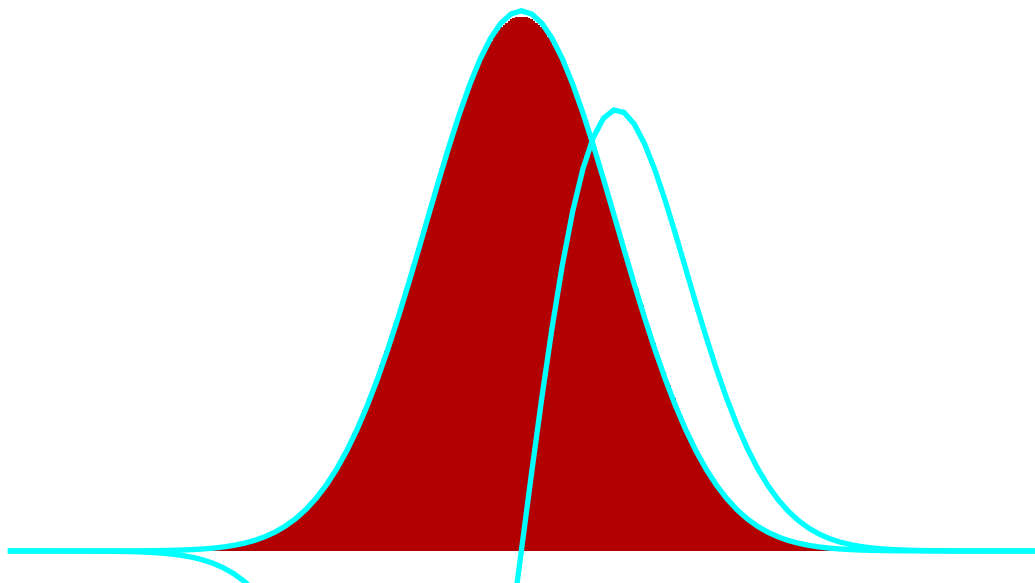dimension **37711260990**

weight distribution of $S^{24}(\sigma_{16})$
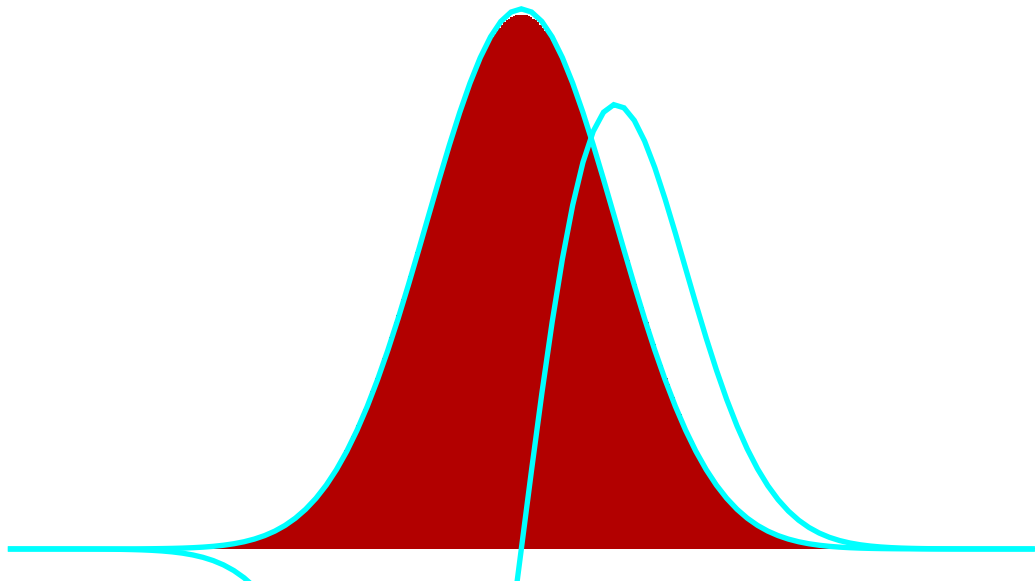dimension **62852101650**

weight distribution of $S^{25}(\sigma_{16})$
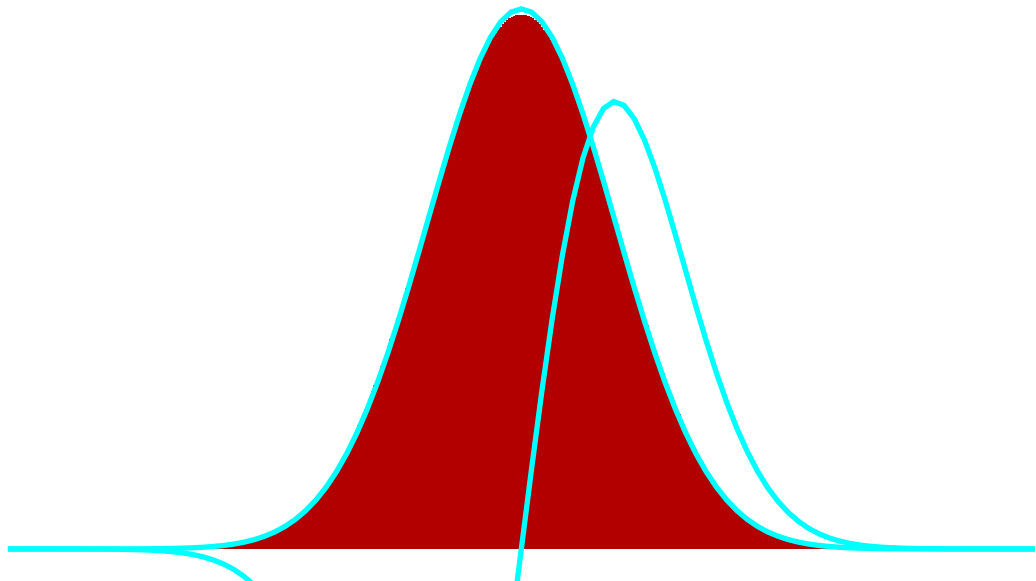dimension **103077446706**

weight distribution of $S^{26}(\sigma_{16})$
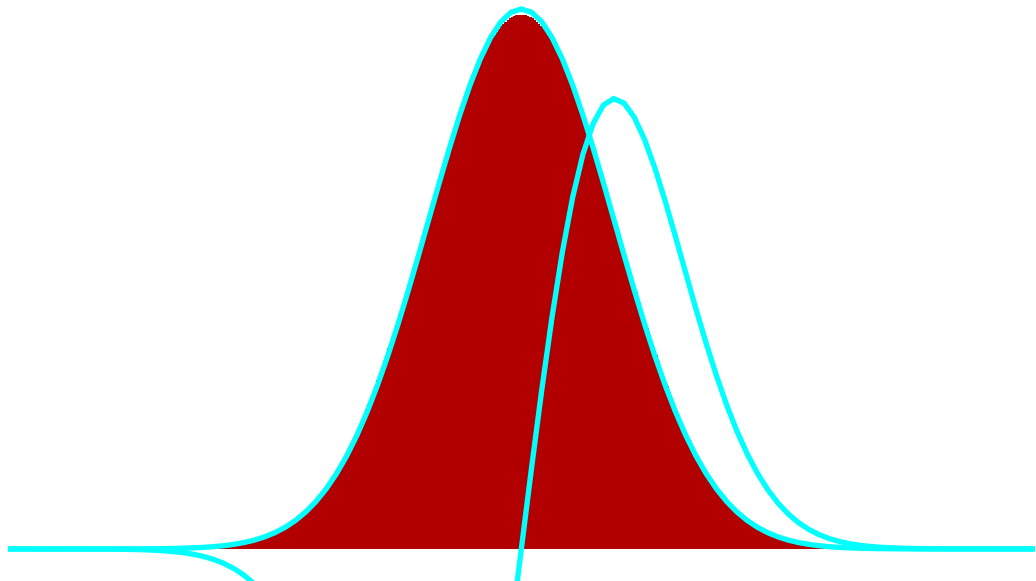dimension **166509721602**

weight distribution of $S^{27}(\sigma_{16})$
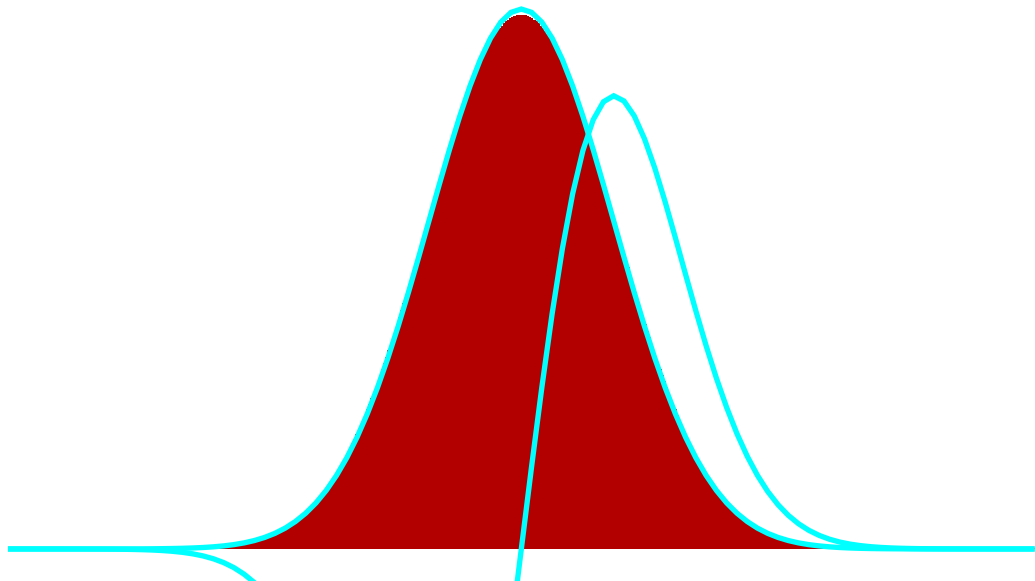dimension **265182149218**

weight distribution of $S^{28}(\sigma_{16})$
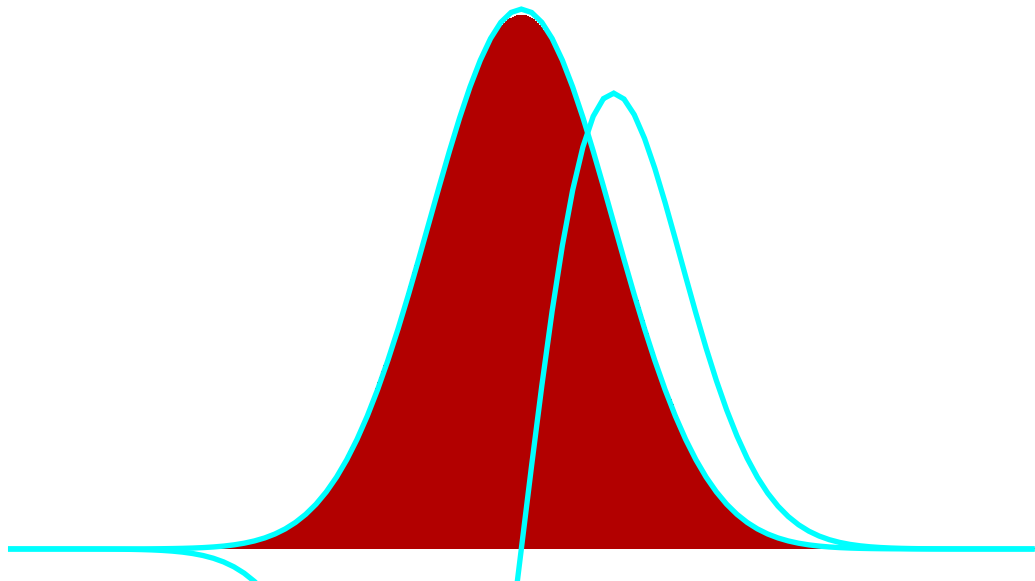dimension 416714805914

weight distribution of $S^{29}(\sigma_{16})$
dimension **646626422970**

weight distribution of $S^{30}(\sigma_{16})$
dimension **991493848554**

weight distribution of $S^{31}(\sigma_{16})$
dimension **1503232609098**

weight distribution of $S^{32}(\sigma_{16})$
dimension **2254848913647**