

METHOD AND APPARATUS FOR QUANTUM CLUSTERING (Ramot)

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A method of determining clusters of data within a dataset, the dataset is represented by a plurality of multidimensional data entries, the method comprises (a) spanning a space, represented by a plurality of points; (b) determining a density function over the space; (c) associating a potential to the density function; (d) locating a plurality of local minima of the potential; and (e) for each of the plurality of local minima, attributing at least one of the points; thereby determining clusters of data within the dataset.

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