

# Klasifikasi mekanisme arsitektur kinetik karya Santiago Calatrava

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Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20306179&lokasi=lokal>

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## Abstrak

Santiago Calatrava merupakan salah satu arsitek yang terkenal dengan keunikan karyanya. Adapun beberapa karya Calatrava menarik perhatian banyak orang dikarenakan adanya pergerakan yang memengaruhi bentuk dari karyanya. Pergerakan yang terjadi dilatarbelakangi oleh mekanisme arsitektur kinetik. Beberapa karya Santiago Calatrava memiliki kemiripan dalam penggunaan mekanisme arsitektur kinetik maka kemiripan penggunaan mekanisme arsitektur kinetik dapat dijadikan klasifikasi. Selain itu juga dapat diklasifikasikan berdasarkan tipologi struktur, tujuan penggunaan mekanisme arsitektur kinetik, jenis mekanisme arsitektur kinetik dan jenis sambungan yang digunakan, serta penggunaan analogi yang digunakan.

.....Santiago Calatrava is one of the world famous architect because of his work is uniqueness. Some of his work attract many people for its movement that affect the shape of the building because of kinetic architecture mechanism. Many Calatrava's works have resemblance that can be analyze based on kinetic architecture mechanism classification. Beside that the Classification can be based on the structure's typology, the purpose from using kinetic architecture mechanism, the type of kinetic architecture mechanism, the joints, and the analogy; Santiago Calatrava is one of the world famous architect because of his work is uniqueness. Some of his work attract many people for its movement that affect the shape of the building because of kinetic architecture mechanism. Many Calatrava's works have resemblance that can be analyze based on kinetic architecture mechanism classification. Beside that the Classification can be based on the structure's typology, the purpose from using kinetic architecture mechanism, the type of kinetic architecture mechanism, the joints, and the analogy