## عنوان مقاله:

Intricacy of Architectural Design Process as a Heterogeneous Network

## محل انتشار:

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## خلاصه مقاله:

Architectural design has grown alongside the expansion of digitalism's aspects, and design initiatives are the product of several collaborations, interactions, and nodes. Focusing on an architectural competition as a case s tudy, this article demons trates how the architectural design process works by highlighting the characteris tics of a network produced by the assemblage between heterogeneous nodes. These assemblages could modify every design phase and outcome according to their s trengths and weaknesses. Therefore, the socio-technical aspect of the design process is used to demons trate the reciprocal relationship between nodes as humans and nonhumans. This paper uses a qualitative approach by using the methodological aspect of actor-network theory to map the intricacies of the design process from three independent narrations to give complementary components to form the design process's multiplex network. Thus, the s tudy proposes a paradigm for exhibiting and grasping the complex data network in architectural design and boos ting the value of unseen data that may significantly impact outcomes.

## کلمات کلیدی:

Actor-Network Theory, Co-design, Architectural design process, Designers' Network