



# Engineered Biomimicry

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## Engineered Biomimicry: Chapter 13. Biomimetic Self-Organization and Self-Healing



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Self-organization and self-healing appeal to human beings because difficult and repeated activities can be avoided through automation via bottom-up nonhierarchical processes. This is as opposed to the top-level managed way we normally apply as an action strategy in making and maintenance work. Furthermore, the core concepts for each strategy are described using simplified drawings to make the ideas behind the self-organizing and self-healing principles more accessible to create practitioners. This chapter presents eight different self-arranging and self-curing approaches in nature and requires a look at understood and potential applications.



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