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(57) Abstract: The present disclosure generally relates to a prefabricated construction module (100), a construction structure (50) comprising the prefabricated construction modules (100), and method (200) for constructing the construction structure (50). The prefabricated construction module (100) comprises a structural body (102) and a groove (106) formed longitudinally along a grooved surface (108) of the structural body (102) and arranged to receive a connection member (110) for joining to another prefabricated construction module (100). A lateral cross-section of the groove (106) comprises a first groove section (112) and a second groove section (114), the first groove section (112) formed between the grooved surface (108) and the second groove section (114), the first groove section (112) being narrower than the second groove section (114).

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