

VARIATIONS OF THE MITCHELL MODEL

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In a now classical construction, W. Mitchell constructed a model with no Aronszajn trees on ω_2 . Recently I constructed a model in which the notions of “internally club” and “internally approachable” for structures of size \aleph_1 are distinct. The proof of the latter bears some resemblance to the former. I present a general framework which includes both as special cases, together with several other related combinatorial properties of ω_2 , and allows these consistency results to propagate in some form to higher cardinals.