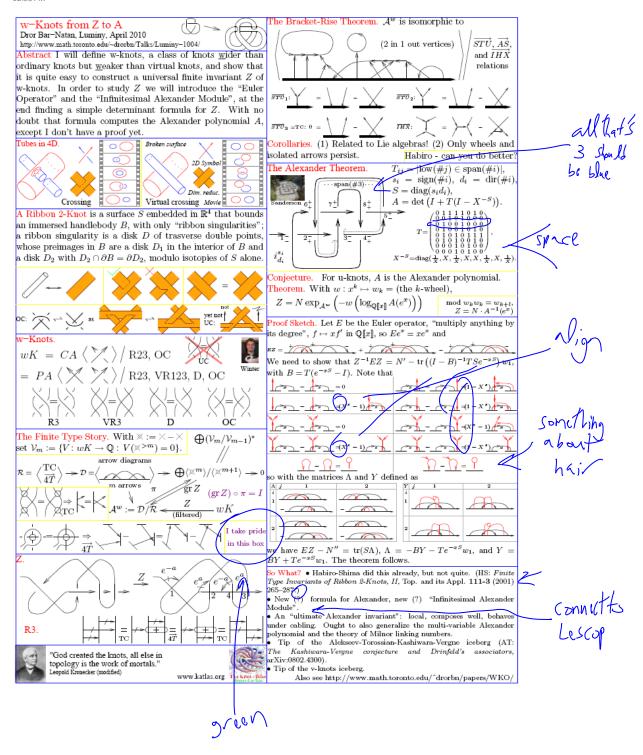
Luminy Z2A Talk

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w-Knots from Z to A Dror Bar-Natan, Luminy, April 2010 http://www.math.toronto.edu/-drorbn/Talks/Luminy-1004/ Abstract I will define w-knots, a class of knots wider than ordinary knots but weaker than virtual knots, and show that it is quite easy to construct a universal finite invariant Z of w-knots. In order to study Z we will introduce the "Euler Operator" and the "Infinitesimal Alexander Module", at the end finding a simple determinant formula for Z. With no doubt that formula computes the Alexander polynomial A, except I don't have a proof yet. Tubes in 4D. Broken surface

