Graphic representations of functions with two variables. (Grafische voorstellingen van functies met twee variabelen.)

Summary: Functions of two variables have many applications in science and economy. One representation is the graph, a surface in three dimensional space. But it is not easy to use the graph to read function values on a perspective drawing. In this text, the authors present plane representations for functions of two variables: level lines and nomograms. Level line diagrams lead to a project about moiré art, using derivatives and integrals. Using simple analytic geometry, nomograms are made up for the ‘body mass index’.

Classification: I64

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