

The figure is a contour plot of a potential energy function  $V(x, y)$ . The horizontal axis is labeled  $x$  and the vertical axis is labeled  $y$ . The plot shows several nested, roughly elliptical contours. The contours are labeled with numerical values: 1022, 1024, 1026, 1028, 1030, and 1032. The contours are colored in a gradient: the innermost (lowest potential) is dark blue, followed by light blue, cyan, green, yellow, orange, and red for the outermost (highest potential) contours. A white arrow originates from the center (0,0) and points to a point labeled 'Nathan' located on the 1026 contour. The point 'Nathan' is marked with a small white star.

