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Benjamin Joseph Elkins* (benjaminjosephelkins@gmail.com), 1512 Jersey Court, Buffalo Grove, IL 60089. *Felix Hausdorff's Raumproblem in present day English.*

On July 4th, 1903, Felix Hausdorff was 35 years old; this paper presents the first English translation of Hausdorff's inaugural lecture, Das Raumproblem, upon receiving his full professorship at The University of Leipzig. I surmise the complexity and abstractness of the vocabulary utilized has caused this seminal lecture to go untranslated. A solid understanding of Hausdorff's body of mathematical and philosophical contributions are necessary to approach this lecture. Hausdorff's metaphors, allegories and allusions utilized makes this little known work beautiful while simultaneously providing insight into Hausdorff's future mathematical work and beyond. With the field of mathematics ever expanding, younger students are being exposed to ideas that have their roots within Hausdorff's research and ensuring a sound foundation of the genesis of these ideas paramount to providing clear vision for the mathematicians that follow in the wake of today's findings. (Received May 13, 2019)