

Instituto Tecnológico y de Estudios Superiores de Monterrey

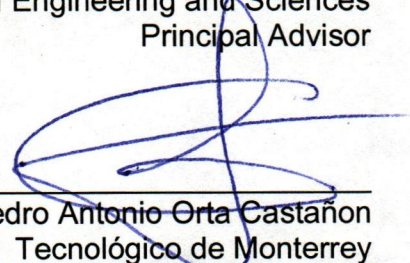
Campus Monterrey

School of Engineering and Sciences

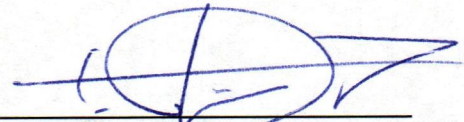
The committee members, hereby, certify that have read the thesis presented by Julio Ruiz Carrizal and that it is fully adequate in scope and quality as a partial requirement for the degree of Master of Science in Manufacturing Systems,



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Monterrey Nuevo León, December 10th, 2019