## An Analysis of Industrial Convergence Coefficient Using Patent Data in Korea

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*Abstract*— This study aims to measure the industrial convergence coefficient (ICC) in light of the current convergence environment. To that end, 2011 Korean patent data were utilized. The research findings revealed that the ICC by industry was the highest in order of paints/varnishes, man-made fibres, petroleum products/nuclear fuel, tobacco products, other chemicals, wood products, and basic chemicals. Also, according to the inter-industry convergence matrix, the number of convergence patents was the greatest in order of office machinery and computers, electronic components, and special purpose machinery industries.

Keyword— Patent Analysis, Convergence Index, Convergence Coefficient, Industrial Convergence



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