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Continuous Selection, Collectively Fixed Points and System of Coincidence Theorems in Product Topological Spaces

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摘要
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Abstract Some new continuous selection theorems are first proved in noncompact topological spaces. As applications, some new collectively fixed point theorems and coincidence theorems for two families of set-valued mappings defined on product space of noncompact topological spaces are obtained under very weak assumptions. These results generalize many known results in recent literature.

Key words [continuous selection](#) [collectively fixed point](#) [\\$FC\\$-space](#)

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