Quasi finitely axiomatizable totally categorical theories (G.Ahlbrandt, M.Ziegler, 1986). Erratum

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Part (i) of Corollary 1.4 is false.[1] To see this consider structures $\mathfrak{A}$ and $\mathfrak{B}$ where $\mathfrak{B}$ is a disjoint union of $\mathfrak{A}$ and a structure $\mathfrak{C}$. Then φ and ψ as in the statement exist: φ extends an automorphism of $\mathfrak{A}$ by the identity on $\mathfrak{C}$, and ψ restricts an automorphism of $\mathfrak{B}$ to $\mathfrak{A}$. On the other hand $\mathfrak{A}$ is a retract of $\mathfrak{B}$ only if $\mathfrak{B}$ is interpretable in $\mathfrak{A}$. The correct statement for Corollary 1.4 (i) is

> $\mathfrak{A}$ *is a retract of* $\mathfrak{B}$ *iff there are continuous homomorphisms*
> $\operatorname{Aut}\mathfrak{A} \xrightarrow{\varphi} \operatorname{Aut}\mathfrak{B} \xrightarrow{\psi} \operatorname{Aut}\mathfrak{A}$ *such that* $\psi \circ \varphi = 1$ *and the image of* ψ *has finitely many orbits.*

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[1] and should not be attributed to Coquand.