

- FRODE ALFSON BJØRDAL, *Capture, Replacement, Specification*.
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Let \mathbf{W} be Zermelo set theory \mathbf{Z} minus specification and choice. For $\alpha(v, x, y)$ any first order condition in the language of set theory on the indicated free variables, legislate:

Axiom of Capture:

$$\forall v \exists w \forall x (x \in w \leftrightarrow \exists y (y \in v \wedge \alpha(v, x, y) \wedge (\forall z) (\alpha(v, z, y) \rightarrow x = z)))$$

Let \mathbf{ZF} be Zermelo-Fraenkel set theory: We show $\mathbf{ZF} = \mathbf{W} + \mathbf{Axiom\ of\ Capture}$.

Capture avoids the cumbersome restriction to *functional* condition, and is justified by the idea that we should accept as many instances of naive comprehension as possible. Versions of capture are of use in the context of the author's alternative set theory \mathcal{L} as in [1] because they allow for more flexibility in expressing useful closure principles.

[1] F. A. BJØRDAL, *Elements of Librationism*, <http://arxiv.org/abs/1407.3877>