I overview algebraic aspects of our ongoing work with Albert Visser, both published \cite{LitakVisser2018} and unpublished, on systems of constructive strict implication a.k.a. Lewis arrow $\Rightarrow$. The main motivation to study such systems comes from their arithmetical interpretations, particularly in terms of $\Sigma_0^0$-preservativity \cite{Iemhoff2003, Wolter1993}. After providing algebraic semantics for the minimal system $iA$, we give examples of some pleasant applications. They include:

- An algebraic connection between the arithmetical notion of extension stability with the standard modal notion of a subframe logic, using Wolter’s notion of a describable operation \cite{WolterZakharyaschev1997}.
- Examples of non-derivability proofs for simple consequences of the explicit scheme for de Jongh-Sambin fixpoints impossible in Kripke semantics.
- Wolter-Zakharyaschev-style transfer of results and techniques for classical bimodal logics to their constructive $\Rightarrow$-counterparts via a suitable variant of the Gödel-McKinsey-Tarski translation \cite{WolterZakharyaschev1997}.
- A unifying perspective on generalizations of Kripke, Veltman and neighbourhood semantics.


