

# On a Singular Bio-economic Model with Stage Structure

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Proposed are some modifications of bio-economic models with stage structure [1–5]. The proposed modifications aim at a better description and understanding of the underlying bio-economical mechanisms. This is achieved by formulating the model in terms of chemical-type reaction steps. Several new modules in the Computer Algebra System *MATHEMATICA* are proposed, offering a possibility for visualization of the resulting solutions and sensitive analysis of the model.

## References

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