



Wissenschaftskolleg zu Berlin

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FOCUS

PROJECT

Theoretische Grundlagen der sozialen Evolution

COLLOQUIUM, 22.04.1997

Social Evolution

Frank, Steven A. (2017)

Universal expressions of population change by the Price equation : natural selection, information, and maximum entropy production

<https://kxp.k10plus.de/DB=9.663/PPNSET?PPN=1041215436>

Frank, Steven A. (2016)

Common probability patterns arise from simple invariances

<https://kxp.k10plus.de/DB=9.663/PPNSET?PPN=1041216467>

Frank, Steven A. (2015)

D'Alembert's direct and inertial forces acting on populations : the price equation and the fundamental theorem of natural selection

<https://kxp.k10plus.de/DB=9.663/PPNSET?PPN=1041216041>

Frank, Steven A. (2014)

Microbial metabolism : optimal control of uptake versus synthesis

<https://kxp.k10plus.de/DB=9.663/PPNSET?PPN=788299956>

Frank, Steven A. (2013)

A new theory of cooperation

<https://kxp.k10plus.de/DB=9.663/PPNSET?PPN=794275001>

Frank, Steven A. (2013)

Natural selection : VII. History and interpretation of kin selection theory

<https://kxp.k10plus.de/DB=9.663/PPNSET?PPN=789394502>

Frank, Steven A. (2013)

Natural selection : VI. Partitioning the information in fitness and characters by path analysis

<https://kxp.k10plus.de/DB=9.663/PPNSET?PPN=789394278>

Frank, Steven A. (2013)

Microbial evolution : regulatory design prevents cancer-like overgrowths

<https://kxp.k10plus.de/DB=9.663/PPNSET?PPN=788299816>

Frank, Steven A. (2013)

Input-output relations in biological systems : measurement, information and the Hill equation

<https://kxp.k10plus.de/DB=9.663/PPNSET?PPN=788298585>

Frank, Steven A. (2013)

Evolution of robustness and cellular stochasticity of gene expression

<https://kxp.k10plus.de/DB=9.663/PPNSET?PPN=786606509>