

so läuft Evolution ab

Die Prinzipien der biologischen Evolution

In einer Population gibt es ~~keine zwei exakt gleichen Individuen~~: es gibt **individuelle Variation** in vielen Merkmalen.

Mutation

+

Rekombination



Genetische Diversität
in einer Population

Diese Variationen ~~beeinflussen die Fähigkeit eines Individuums zu überleben und sich fortzupflanzen~~.

Natürliche Selektion (Selektionsdruck)

Genetische Drift (Sewall-Wright-Effekt)

Ein Großteil dieser Variationen hat eine ~~erbliche Komponente~~. Führt die Variation zu Überleben und Fortpflanzung, wird die Variation ~~an die nächste Generation vererbt~~.

Vererbung (Heredität)

Von Generation zu Generation reichern sich also Variationen an, die Überleben und Fortpflanzung ~~nicht beeinträchtigen~~ oder gar ~~begünstigen~~: die ~~Population verändert~~ sich.

Anreicherung von Variationen,
die nicht schädlich sind

Adaptation (Anpassung)

Diese Prozesse laufen in ~~zwei Populationen~~ nie genau gleich ab, sie ~~verändern sich also unterschiedlich~~.

unterschiedliche Anpassung
jede Population für sich

Divergenz

→ Evolution, auseinander Entwicklung

Wirkungseffizienz Menschlichen Individuums Einzelne Element

Angelika Bacher



Wirkungseffizienz Menschlichen Individuums Einzelne Element:

Theorie der Ordnungen Peter Engelhard, Heiko Geue, 1999 Keine ausführliche Beschreibung für Theorie der Ordnungen verfügbar Mythos und Profit Hinrik Schünemann, 2000 Spielend Lernen. Didaktisches Design Digitaler Lernspiele Zwischen Spielmotivation und Cognitive Load Anja Hawlitschek, 2013 Spielend lernen wer hat sich das nicht schon einmal gewünscht Digitale Lernspiele scheinen genau das zu ermöglichen Die Idee ist genial Die intrinsische Motivation der Spielenden soll genutzt werden um pädagogische Ziele z B Wissens und Kompetenzerwerb oder Einstellungs und Verhaltensveränderungen zu erreichen Doch digitale Lernspiele sind nicht per se effektiv oder gar effizient In der vorliegenden Dissertation wird der Frage nachgegangen wie ein Lernspiel gestaltet sein muss um lernwirksam zu sein Dabei werden auf der Grundlage der Cognitive Load Theorie Problemstellungen des Lernens mit digitalen Lernspielen wie die hohe lernirrelevante mentale Belastung der Lernenden durch Spielelemente dargestellt Zugleich wird die Bedeutung der Spielmotivation für den Lernerfolg herausgearbeitet Die Ergebnisse der Arbeit zeigen Ein systematisches didaktisches Design unter Berücksichtigung von Lernzielen Zielgruppe und Kontextbedingungen ist die Basis für effektives und effizientes Lernen Prinzipien des Instruktionsdesigns die sich hinsichtlich nicht spielerischer medialer Lernumgebungen als wirkungsvoll erwiesen haben können nicht ohne weiteres auf Lernspiele übertragen werden Die inhärenten Nachteile des Spiels als Lernumgebung auszugleichen ohne die Spielmotivation zu beeinträchtigen muss die Zielsetzung bei der Generierung von Designprinzipien für digitale Lernspiele sein Dr Anja Hawlitschek war Doktorandin am Fraunhofer Institut für Digitale Medientechnologie Danach arbeitete sie als wissenschaftliche Mitarbeiterin am Lehrstuhl Lernen und Neue Medien der Universität Erfurt Dort promovierte sie mit der vorliegenden Arbeit im Juni 2012 Grundlagen der Bankenwerbung aus verhaltenswissenschaftlicher Sicht Gert Wünsche, 2013-04-17 Die vorliegende Arbeit entstand während meiner Assistententätigkeit am Lehrstuhl für Finanzierung und Kreditwirtschaft am Seminar für Angewandte Betriebswirtschaftslehre 11 der Ruhr Universität Bochum Dem Lehrstuhlinhaber Herrn Professor Dr Joachim Schilling danke ich für die wissenschaftliche Betreuung sowie die großzügige Förderung der Arbeit Ihre Veröffentlichung hätte nicht zustande kommen können ohne die Bereitschaft des Bankhauses Merck Finck & Co das Projekt finanziell zu tragen Auch dieser Unterstützung gilt mein aufrichtiger Dank Besonders bedanken möchte ich mich darüber hinaus auch bei einer Vielzahl von erfahrenen Praktikern der Kreditwissenschaft durch deren Aufgeschlossenheit und Diskussionsbereitschaft ich wertvolle Hinweise und Anregungen für meine Arbeit erhalten habe Gert Wünsche Geleitwort Nach Aufhebung einer Reihe von für die Kreditinstitute einschneidenden Absatzbeschränkungen Bedarfsprüfung für Zweigstellen Zinsverordnungen Wettbewerbsabkommen bis zum Ende der 60er Jahre hat die bis dahin durch standesgemäße Zurückhaltung geprägte Bankwerbung einen bemerkenswerten Aufschwung genommen In der zur Bankwerbung vorliegenden Literatur ist man indessen bei Werbekundliches sowie allgemeine Ratschläge für die Werbepraxis der Kreditinstitute und ihrer Agenturen nur wenig

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