Modeling and Simulation Body of Knowledge (M&SBOK) - **Index**

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Terminology: Types of Simulations & Terms Related with Simulations

(over 850 terms)

(based on the first version of the Multi-lingual Modeling and Simulation Dictionary)

abstract DEVS simulator
abstract sequential simulator
abstract simulation
abstract simulator
abstract threaded simulator
abstracting in simulation
academic simulation
acceptability of simulated data
acceptability of simulation study
accurate simulation
activity-based simulation
actor-based simulation engine
adaptive multisimulation methodology
adaptive simulation
adaptive simulation infrastructure
advanced distributed simulation
advanced numerical simulation
advanced simulation
advanced simulation environment
agent simulation
agent-based participatory simulation
agent-based simulation
agent-directed simulation
agent-supported multisimulation
agent-supported simulation
agent-supported simulation framework
aggregate level simulation
aggregate level simulation protocol

AI-directed simulation
all digital simulation software
all software simulation
all-digital analog simulation
all-digital simulation
ALPS-compliant simulation system
alternative simulation model
analog simulation
analog simulation software
analog simulation study
analysis of simulation result
analytic simulation
analytic simulation
analytic simulation technique
antithetic simulation run
antithetic simulation study
approximate simulation
as-fast-as-possible simulation
assessment of a simulationist
assessment of simulated data
assessment of simulation team
asymmetric simulation
asynchronous simulation
audio simulation
augmented live simulation
augmented reality simulation
automatic simulation model generation
autonomous simulation mode
autosimulation
autosimulative
base case simulation
behavioral microsimulation model
behavioral simulator
benefit of simulation
bisimulation
bisimulation equivalence
bond-graph simulation
branched simulation
built-in simulation
built-in simulator
calibrated simulation model

case-based simulation
cellular automaton simulation
closed-form simulation
co- simulation
coercible simulation
coercion simulation
cognitive simulation
cognitive simulator
cohersing simulation
collaborative simulation
collaborative simulation environment
collaborative simulation grid
collaborative simulation system
collaborative virtual simulation
colored Petri net simulator
combined continuous-discrete simulation
combined simulation
combined system simulation
competition simulation
competitive simulation game
component simulation
component-based distributed simulation
component-based simulation paradigm
composable simulation
composite simulation
comprehensive simulation system
compressed-time simulation
computer network simulation
computer simulation
computer-aided simulation
computer-based simulation
computerized simulation
conceptual reusable simulation model
conceptual simulation model
concurrent simulation
concurrent simulator
condensed-time simulation
conjoint simulation
conservative simulation
constrained simulation
constructive simulation

constructive simulation integration
constructive training simulation
continuous simulation
continuous-change simulation
continuous-system simulation
continuous-time simulation
conventional simulation
cooperative simulation
cooperative simulation effort
cooperative simulation game
coopetition simulation
coopetitive simulation game
cosimulation
cosimulation component
cost analysis for simulation-based acquisition
cost of simulation
coupled simulation
coupled simulation software
credible simulation
critical event simulation
customizable simulation
customized simulation
data-driven simulation
data-intensive simulation
DES (Discrete Event Simulation)
descriptive simulation
design of simulation experiment
design of simulation experiments
design simulator
deterministic simulation
DEVS simulation protocol
DEVS simulator
digital analog simulation
digital computer simulation
digital simulation
digital simulation program
digital simulation software
digital simulation study
direct simulation
DIS (Distributed Interactive Simulation)
DIS-compliant simulation system

disconnected simulation

discrete event simulation

discrete simulation

discrete-change simulation

discrete-system simulation

discrete-time simulation

dissimilar simulations

dissimulate (v)

dissimulation

dissimulator

distributed DEVS simulation

distributed interactive simulation

distributed real-time simulation

distributed simulation

distributed simulation protocol

distributed simulation architecture

distributed simulation environment

distributed simulation framework

distributed simulation technology

distributed simulator

distributed web-based simulation

distributed-parameter system simulation

driving simulator

dynamic microsimulation model

dynamic simulation update

dynamic simulation composition

dynamic simulation linking

dynamic simulation service

dynamic simulation updating

dynamic system simulation

dynamically composable simulation

economic impact of simulation

economics of simulation

effects of simulation exposure

embedded simulation

emerging simulation system

endomorphic simulation

engineering simulator

enterprise simulation model

entity-level simulation

environmental simulation

error-controlled simulation
evaluative simulation
event-based discrete simulation
event-based simulation
event-driven simulation
event-following simulation
event-oriented simulation
event-scheduling simulation
evolutionary simulation algorithm
ex-ante simulation
expanded-time simulation
experience-aimed simulation
experiment-aimed simulation
expert system embedded within simulation
explanatory simulation
exploratory multisimulation
exploratory multisimulation methodology
exploratory simulation
ex-post simulation
extensible simulation
extensible simulation infrastructure
fast simulation
fast simulation modeling
fault simulation
fault tolerant simulation
faulty simulation
federated simulation
federated simulation architecture
federated simulation environment
federated simulation service
federated simulation system
flat sequential simulator
forward multisimulation
forward multisimulation gaming
fully coupled simulation
functional simulation
fuzzy simulation
fuzzy system simulation
game simulation
game-like simulation
game-theoretic simulation

gaming simulation
general purpose distributed simulation
general simulation knowledge
generalized simulation
generalized-model simulation
genetic algorithm simulation
grid-based collaborative simulation environment
grid-based simulation
hands-on simulation
hardware simulator
hardware-in-the-loop simulation
heterogeneous simulation
heterogeneous simulator
hierarchical DEVS simulator
hierarchical sequential simulator
hierarchical simulation
hierarchical simulation engine
hierarchy of simulations
high-resolution simulation
HLA-compliant simulation study
HLA-compliant simulation system
holonic simulation
holonic system simulation
host simulation computer
host simulation system
human-centered simulation
human-in-the-loop simulation
human-in-the-loop simulator
human-machine simulation
human-simulation interaction
hybrid gaming simulation
hybrid simulation
hybrid simulation software
hybrid simulation study
identity simulation
immersive simulation
impact of simulation
implementability of simulation recommendation
in-basket simulation
incremental simulation
individual-based simulation

instructional simulation

integrated simulation

intelligent simulation

intelligent simulation environment

intelligent system simulation

interactive simulation

interoperability of simulation model

interoperable simulation

interoperable simulation environment

interpre(ta)tive simulation

interpretational simulation

intersimulation data

interval-oriented simulation

intrasimulation data

introspective simulation

introspective simulation model

joint simulation

joint simulation system

JSIMS (Joint Simulation System)

knowledge-based dynamic simulation composition

knowledge-based simulation

knowledge-based simulator

laboratory simulation

large scale simulation environment

large scale simulation software development

large-scale simulation

lazy simulation

lean simulation

legacy simulation

legacy simulation system

length of the simulation run

library-driven simulation

life-cycle of a simulation study

life-cycle of simulation

linear programming embedded within simulation

linear system simulation

line-of-sight simulation

linkage of live, virtual, and constructive simulations

linkage to live simulation

live simulation

live training simulation

live-system enriching simulation
live-system supporting simulation
logic simulation
logic simulator
logical simulation
logical simulation topology
loosely coupled federated simulations
M&S (Modeling and Simulation)
machine simulation
machine-centered simulation
man-centered simulation
man-in-the-loop simulation
man-in-the-loop simulator
man-machine simulation
man-machine system simulation
manual simulation
Markov simulation
massively multi-player simulation
mathematical simulation
mental simulation
meta-simulation
micro simulation
microanalytic simulation
microsimulation model
military simulation gaming
mission rehearsal simulation
mixed simulation
mixed-signal simulation
mock simulation
model-based simulation monitor
modeling and simulation
modeling, simulation and visualization
modular simulation
modular simulation program
monotonic evolutionary simulation algorithm
Monte Carlo simulation
MS&V (Modeling Simulation and Visualization)
MSMP (Modeling and Simulation Master Plan)
multi simulator
multi-agent participatory simulation
multi-agent simulation

multiaspect simulation
multilevel simulation
multimedia simulation
multimedia-enriched simulation
multimodel simulator
multi-paradigm simulation
multi-paradigm simulation system
multi-player simulation
multiple simulator
multiple-fidelity simulation
multiple-run simulation study
multi-processor simulation
multirate simulation
multi-resolution multisimulation
multiresolution simulation
multisimulation
multisimulation engine
multisimulation formalism
multisimulation gaming
multisimulation gaming strategy
multisimulation methodology
multistage simulation
nested simulation
net-centric simulation
networked simulation
non-linear system simulation
non-line-of-sight simulation
non-numerical simulation
non-simulatable model
non-zero-sum simulation game
normality of simulation data
normative simulation
norms of simulation methodology
number of simulation runs
numerical simulation
object simulation program
object-oriented simulation
online simulation
online simulation update
optimistic simulation
optimistic simulation algorithm

optimistic simulation architecture
optimization embedded within simulation
optimization within simulation
optimizing simulation
outcome-driven simulation
outcome-oriented simulation
parallel discrete-event simulation
parallel simulation
parallel simulation engine
parallel simulator
participative simulation
participatory simulation
peace simulation
Petri net simulation
physical simulation
physical system simulation
plan simulation
portable simulation
portable simulation system
post simulation analysis
post simulation report
post-simulation phase
predictive simulation
prescriptive simulation
pre-simulation phase
process simulation
process-based discrete event simulation
process-oriented simulation
proxy simulation
pseudo simulation
pseudo simulator
public domain simulation
pure software simulation
purpose of simulation
qualitative simulation
qualitative simulation system
quantitative simulation
quantized DEVS simulator
quantized simulator
quasi-analytic simulation
quasi-analytic simulation technique

quasi-Monte Carlo simulation
rare-event simulation
real-system enriching simulation
real-system support simulation
real-time continuous simulation
real-time simulation
reasonable simulation
reasoning simulation
reconfigurable simulator
regenerative simulation
related simulation
reliable simulation
reliable simulation model
retrospective simulation
reusable simulation component
reuse of simulation asset
risk simulation
robust simulation runtime library
role playing simulation
rule-based system embedded within simulation
runtime simulation linking
runtime simulation reconfiguration
runtime simulation update
scaled real-time simulation
self-organizing simulation
self-organizing system simulation
sequential simulation
sequential simulator
serial simulation
serious simulation
server simulator
shape simulation
simulatable
simulatable model
simulate (v)
simulated
simulated view
simulated annealing
simulated annealing method
simulated behavior
simulated data

simulated entity
simulated environment
simulated evolution
simulated input
simulated model
simulated real-time
simulated representation
simulated retrocausality
simulated time
simulated warfare
simulated world
simulating program
simulation
simulation branching
simulation concept
simulation controller
simulation coordination
simulation engine
simulation operator
simulation resolution
simulation reuse
simulation stability
simulation accuracy
simulation adaptation
simulation algorithm
simulation analysis
simulation animation
simulation annealing process
simulation application
simulation application federate
simulation architecture
simulation asset
simulation asset management
simulation association
simulation- based
simulation brokering
simulation business
simulation business practice
simulation capability
simulation certification
simulation clock

simulation code

simulation coercion

simulation complexity

simulation component

simulation component interface

simulation composability

simulation composition

simulation confederation

simulation configuration

simulation control

simulation correctness

simulation credibility

simulation customer

simulation data

simulation delivery

simulation design

simulation design methodology

simulation developer

simulation development

simulation development environment

simulation development life cycle

simulation development program

simulation documentation

simulation domain

simulation domain requirements

simulation- driven

simulation effort

simulation embedded within expert system

simulation embedded within linear programming

simulation embedded within optimization

simulation embedded within rule-based system

simulation- enhanced

simulation enterprise

simulation entity

simulation environment

simulation epistemology

simulation error

simulation error assessment

simulation ethics

simulation execution

simulation execution environment

simulation execution speed

simulation execution synchronization

simulation exercise

simulation experiment

simulation expert

simulation exposure

simulation federation

simulation fidelity

simulation fitness

simulation for acquisition

simulation for decision making

simulation for decision support

simulation for system analysis

simulation for system design

simulation for systems engineering life cycle

simulation for training

simulation framework

simulation game

simulation gaming

simulation gaming application

simulation gaming process

simulation gaming project

simulation gaming software

simulation gaming tool

simulation- generated

simulation granularity

simulation grid

simulation grid architecture

simulation heuristic

simulation implementation

simulation in entertainment

simulation in entertainment game

simulation infrastructure

simulation instance

simulation interaction

simulation interface

simulation interface issue

simulation interface system

simulation interoperability

simulation interoperability standard

simulation investment

simulation knowledge
simulation knowledge acquisition
simulation knowledge sharing
simulation language
simulation language processor
simulation latency
simulation layer
simulation library
simulation life cycle
simulation linkage
simulation maintenance program
simulation management
simulation management capability
simulation manager
simulation market
simulation metamodel
simulation metamodeling
simulation method
simulation methodology
simulation middleware
simulation mode
simulation mode control
simulation model
simulation model assessment
simulation modeling
simulation modeling infrastructure
simulation monitoring
simulation object model
simulation on high performance computer
simulation ontology
simulation optimization
simulation optimization methodology
simulation optimization problem
simulation organization
simulation output data analysis federate
simulation package
simulation paradigm
simulation participant
simulation phase
simulation platform
simulation platform degree of freedom

simulation policy group
simulation portal
simulation problem
simulation process
simulation processor
simulation program
simulation program generator
simulation program management
simulation programming
simulation programming language
simulation project
simulation project management
simulation project report
simulation protocol
simulation proxy
simulation quality assurance
simulation reconfiguration
simulation reference markup language
simulation- related
simulation relation
simulation reliability
simulation repository
simulation resource
simulation response
simulation response function
simulation response surface
simulation result
simulation reusability
simulation robustness
simulation run
simulation run control
simulation run control
simulation run length
simulation run monitoring
simulation runtime library
simulation runtime monitoring
simulation sequence
simulation server
simulation service
simulation service provider
simulation society

simulation software

simulation software assessment

simulation software development

simulation- specific

simulation specification

simulation specification environment

simulation specification language

simulation specification repository

simulation stakeholder

simulation standard

simulation status

simulation strategy

simulation structure

simulation study

simulation study monitoring

simulation support

simulation support entity

simulation support tool

simulation supported game

simulation supported war game

simulation system

simulation systems engineering

simulation task

simulation team

simulation technique

simulation technology

simulation term

simulation terminology

simulation time

simulation tool

simulation topology

simulation trainer development

simulation update

simulation update time

simulation updating

simulation use

simulation user

simulation user issue

simulation utility

simulation utility type

simulation validation

simulation visualization federate
simulation web service
simulation within optimization
simulation, test, and evaluation process
simulational context
simulation-augmented reality
simulation-based   education
simulation-based prototype
simulation-based understanding
simulation-based acquisition
simulation-based augmented reality
simulation-based control
simulation-based control graph
simulation-based data mining
simulation-based design
simulation-based design approach
simulation-based diagnosis
simulation-based distributed training
simulation-based education technique
simulation-based enterprise
simulation-based learning
simulation-based learning system
simulation-based management
simulation-based operational support
simulation-based optimization
simulation-based prediction
simulation-based problem solving
simulation-based problem solving environment
simulation-based proof-of-concept
simulation-based prototyping
simulation-based research
simulation-based serious game
simulation-based system
simulation-based system acquisition
simulation-based tool
simulation-based training
simulation-based training system
simulation-C4ISR interoperability
simulation-control program
simulation-driven education
simulation-driven optimization

simulation-driven training
simulationist
simulation-model response
simulations
simulative
simulative design
simulative design approach
simulative design environment
simulative environment
simulative problem solving environment
simulative solution technique
simulator
simulator middleware
simulator parameter
simulator program
simulator server
simultaneous simulation
single component simulation
single processor simulation
single run simulation study
single-paradigm simulation system
smoothness simulation
software simulator
source simulation program
spatial microsimulation model
special-purpose simulation hardware
specification of simulation task
spectrum of simulators
stand-alone simulation
static microsimulation model
static simulation
statistical design of simulation experiments
steady-state simulation
stochastic simulation
stochastic simulation model
stochastic simulation optimization
strong bisimulation
structural simulation
structure simulation
structured simulation knowledge
symbiotic simulation

symbolic simulation
symmetric simulation
system simulation theory
system-of-systems simulation
systems engineering for simulation life cycle
systems theory based simulation
technical simulation
terminating simulation
texture simulation
throttled time-warp simulation
time-slicing simulation
time-stepping simulation
time-varying system simulation
time-warp simulation
trace-driven simulation
tractable simulation
training simulation
training simulation game
training simulator
trajectory simulation
transfer function simulation
trends in simulation
Trojan simulator
unconstrained simulation
uncoupled simulation
uniform bisimulation equivalence
unsimulatable
use of simulator in training
value of simulation
variable fidelity simulation
variable resolution simulation
virtual simulation
virtual simulator
virtual training simulation
visual interactive simulation
visual simulation
visual simulator
war simulation
warfare simulation
weak bisimulation equivalence
wearable computer-based simulation

web-based simulation
web-centric simulation
web-enabled simulation
yoked simulation
zero sum simulation