7% fun_lchaos.cpp - LMM

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Group: Lsd/Example Models/Exercise Models/Models Manual/Using Example Models   Model: Logistic Chaoes   Version: 0.1   File: fun_lchaos.cpp   23.0

```cpp
#include "fun_head.h"

MODELBEGIN



EQUATION("X")
/*
Logistic chaotic model
The equation represents the computational equivalent of:
X[t]=X[t-1]*m*(1-X[t-1])

where parameter 0<m<4 and 0<X[0]<1
*/

v[0]=VL("X",1);
v[1]=V("m");
v[2]=v[0]*v[1]*(1-v[0]);
RESULT(v[2] )



|



MODELEND



void close_sim(void)
{

}
```