

## ARX

- + ARX(std::vector< double  
    > &&a, std::vector< double  
    > &&b, uint16\_t k=1, double  
    standard\_deviation=0.0)
- + double tick(double u)
- + void setK(uint16\_t k)
- + double getK() const
- + const std::vector<  
    double > getA() const
- + const std::vector<  
    double > getB() const
- + void setAB(std::vector  
    < double > a, std::vector  
    < double > b)
- + void reset()
- + void disableLimits()
- + void enableLimits()
- + bool getLimitsActive  
    () const
- + void setInputLimits  
    (double low, double high)
- + void setOutputLimits  
    (double low, double high)
- + const std::pair< double,  
    double > & getInputLimits  
    () const
- + const std::pair< double,  
    double > & getOutputLimits  
    () const
- + void setStandardDeviation  
    (double standard\_deviation)
- + double getStandardDeviation  
    () const