

Matrix - mncol: unsigned int - mnrow: unsigned int - mcol: std::vector<double> - mrow: std::vector<double> + size(): std::vector<double> + operator() (int, int): double + operator-(Matrix): Matrix + operator-(): Matrix + operator*=(double): void + operator+=(double): void + operator double() + col (int, std::vector<double>): void + col (int): std::vector<double> + row (int, std::vector<double>): void + row (int): std::vector<double> + vec (): std::vector<double> + t(): Matrix + clean (): void + disp (): void VectorCalc SquareMatrix operator+(std::vector<double>, std::vector<double>): std::vector<double> - check_mat (Matrix): Matrix operator+(std::vector<double>, double): std::vector<double> - squareGet_dim (std::vector<double>): int operator+(double, std::vector<double>): std::vector<double> + diag(): std::vector<double> operator-(std::vector<double>, std::vector<double>): std::vector<double> operator-(double, std::vector<double>): std::vector<double> operator-(std::vector<double>, double): std::vector<double> Extends operator/(std::vector<double>, double): std::vector<double> operator*(std::vector<double>, std::vector<double>): double operator*(double, std::vector<double>): std::vector<double> SymmetricMatrix operator*(std::vector<double>, double): std::vector<double> disp(std::vector<double>): void - symget_dim(std::vector<double>): int clean(std::vector<double>): void + cholesky(double=0): SquareMatrix norm<int>(std::vector<double>): double + operator> (double): bool + vecs(): std::vector<double> MatrixCalc operator+(Matrix, Matrix): Matrix operator+(double, SquareMatrix): SquareMatrix operator+(SquareMatrix, double): SquareMatrix operator-(Matrix, Matrix): Matrix operator-(double, SquareMatrix): SquareMatrix operator-(SquareMatrix, double): SquareMatrix operator*(Matrix, Matrix): Matrix operator*(double, Matrix): Matrix operator*(Matrix, double): Matrix Diagonal operator*(Matrix, double*): std::vector<double> + method(type): type operator/(Matrix, double): Matrix prod(std::vector<double>, std::vector<double>): Matrix prod(double*, double*, int, int): Matrix kProd(Matrix, Matrix): Matrix kProd(double*, double*, int, int): std::vector<double> kProd(double*, std::vector<double>, int): std::vector<double> kSum(SquareMatrix, SquareMatrix): SquareMatrix - mW: std::vector<double> T(Matrix): Matrix - mP: SquareMatrix vec(Matrix): std::vector<double> - mEpsilon: double disp(Matrix): void inv(SquareMatrix): SquareMatrix + w(): std::vector<double> [-----Use--clean(Matrix): void + disp(): void diag(SquareMatrix): std::vector<double> vecs(SymmetricMatrix): std::vector<double> cholesky(SymmetricMatrix): SquareMatrix norm<char>(Matrix): double