SOFTWARE DEVELOPED IN NTC	Result no.
Software for personalizing human model	NTC-ASW-19-001
Application for optimization and control of fuel cells - v1.0.0	NTC-ASW-18-001
Advanced measurement software with ADAM modules	NTC-ASW-18-002
Authorized software OSLO_GUI version 3.0	NTC-ASW-17-001
Authorized software OSLO_PPR version 2.0	NTC-ASW-17-002
Authorized software OSLO_TAB version 2.0	NTC-ASW-17-003
Authorized Navier-ILS software	NTC-ASW-17-004
HDM Eval software	NTC-ASW-17-005
LabIR ThermoStitch software	NTC-ASW-17-006
LabIR NDT software	NTC-ASW-17-007
LabIR Technology software	NTC-ASW-17-008
LabIR Control software	NTC-ASW-17-009
Human Cognitive Enhancement wiki	NTC-ASW-17-010
Key-to-Voice	NTC-ASW-17-011
Authorized software OSLOC_V5	NTC-ASW-17-012
Boiler supply system optimization	NTC-ASW-17-013
Software for advanced thermographic measurements	NTC-ASW-15-001
Monitoring, evaluation and warning system	NTC-ASW-15-002
Optimization of the function of renewable electricity sources based on fuel cells, batteries and PV panels for small outputs	NTC-ASW-15-003
Software for CFD calculation and subsequent analysis of dynamic stress of the fan and flue	NTC-ASW-15-004
Software modules for numerical simulations of filtration devices and their components	NTC-ASW-15-005
NONVIBTW_V3- Software for analysis of nonlinear oscillation of bladed discs with contact friction bonds between blades	NTC-ASW-14-004
Software for systematic classification of material morphology	NTC-ASW-14-007
Transport modeling software	NTC-ASW-14-008
Software for scaling a human model in relation to VE	NTC-ASW-13-003
Operating characteristics of PEMFC - in 0.1	NTC-ASW-13-005
A parametric model of the flow part of the flue gas fan	NTC-ASW-13-006
WARM-CHARGE-V-4- Heating of the tube-shaped compartment model	NTC-ASW-12-001
WARM-CHARGE-V-3- Heating of the ring-shaped compartment model of the charge	NTC-ASW-12-002
DCRYSTALLITE	NTC-ASW-12-003
NONVIB_VIEW- Software for processing and plotting the results of the analysis of nonlinear multi-harmonic vibrations of a bladed disk	NTC-ASW-12-004
FVP Base - software for recording the performance and quality characteristics of solar panels	NTC-ASW-12-005
Phono-WD-RMP - Software for modeling wave dispersion in periodically heterogeneous Reissner-Mindlin plates	NTC-ASW-12-006
Slip-SEEP-3D - Software for flowing a two-phase non-Newtonian fluid with slip condition	NTC-ASW-12-007
Software for scaling segmented human models	NTC-ASW-12-008
Project Database - Software to support project solutions	NTC-SW-01-11
Software for determining the conductivity type of semiconductors	NTC-SW-02-11
TF-SpecGap - Software for determining the optical width of a bandgap	NTC-SW-03-11
St-Res-S - Software for evaluation of residual stresses in thin films	NTC-SW-04-11
WARM-CHARGE-V-2 - Heating of the compartment model of the cylindrical charge	NTC-SW-05-11
Software for determining the stability of a system of rigid bodies	NTC-SW-06-11
OSLO_Extruder - Software for the analysis of Separate Oil Pressing based on the theory of Extruders	NTC-SW-07-11
Scale2Dim - Segment scaling software	NTC-SW-01-10
AntroPed2D -Software for 2d analysis of frontal collision of a vehicle with a pedestrian	NTC-SW-02-10
PERM_IDENT Software for filter cake permeability identification	NTC-SW-03-10
LLIS1D_Y2P Software for Separation Press Analysis in a Linear Press Chamber	NTC-SW-04-10
SEEP-3DSG -Software for a flow analysis of non-Newtonian porous medium with fluid leakage	NTC-SW-05-10
Software for modeling the movement of a porous Biot-type medium in a 3D chamber	NTC-SW-06-10
ACOUSTIC-PY: modeling of acoustic transmission at periodic interfaces using the finite element method	NTC-SW-07-10
SLQT 2010 - Software for numerical evaluation of thermal conductivity of coatings and thin films by LQT method	NTC-SW-08-10
PPRa (Pulsed Photothermal Radiometry analyzer) -Software for evaluating the measurement of thermal properties of thin films using pulsed photothermal radiometry	NTC-SW-09-10
EMISCALC (Emissivity Calculator) -software for automatic calculation of emissivity from a known sample temperature	NTC-SW-10-10
TBB Design Tool - Computer software for designing the structure of a thermal box-barrier	NTC-SW-11-10
Adam4019.2010 - Software for measuring temperatures and electrical voltages using the Advantech ADAM 4019 module	NTC-SW-12-10
Evaluation of analytical spectra	NTC-SW-13-10
NOMUVIBLAD_ESS1 - Software for analysis of nonlinear multi-harmonic vibrations of padded disks with spatially stationary excitation (with respect to the coordinate system of a rotating disk)	NTC-SW-14-10
NOMUVIBLAD_ETW1 - Software for analysis of nonlinear multiharmonic vibrations of bladed disks with running wave excitation	NTC-SW-15-10
2CTM-D (Noncontact 2-Color Temperature Measurement System Designer) -Software for the design of a non-contact temperature measurement system using a 2-color detector	NTC-SW-16-10
MatFEM - general solver based on the finite element method in the Matlab system	NTC-SW-17-10
NESTAB 2010a - Software for evaluation of measurement of thermomechanical instabilities of disk rotating components	NTC-SW-18-10
Project Database - Software to support project solutions	NTC-SW-19-10
Software for calculation of irradiation coefficients and mean geometric beam lengths	NTC-SW-20-10
CM-Charge-Heat-V-1. Calculation of batch heating in the form of a regular prism using a compartment model	NTC-SW-21-10
Control of gas valves during deposition of thin films	NTC-SW-22-10
ScaPy - Software for scaling human models based on solids	NTC-SW-01-09
Ped2D - Software for 2d analysis of frontal collision of a vehicle with a pedestrian	NTC-SW-02-09
FVD_FILTER - Software for numerical simulation of filtration and consolidation of saturated porous materials with the assumption of large volume changes	NTC-SW-03-09
DRUM LK 3D - Software for evaluation of measurement of throw deviations of drum rotating parts	NTC-SW-04-09
NESTAB 2009 - Software for evaluation of measurement of thermomechanical instabilities of disk rotating components	NTC-SW-05-09
TEPNAP-IR - Software for calculating the distribution of temperatures and thermal fields on brake discs	NTC-SW-06-09
RadGUI 2009 - Software for numerical calculation of radiation heat flux	NTC-SW-07-09
Adam4018.2g 2009 - Software for measuring temperatures and voltages using Advantech-ADAM modules	NTC-SW-08-09
IPZ - Software for processing the results of nanoindentation measurements	NTC-SW-09-09
VIEW-FACTOR - Software for calculation of irradiation coefficients and mean geometric length of rays	NTC-SW-10-09
MuPoSim - Software for calculation of effective poroelastic coefficients in multi-porous materials	NTC-SW-11-09
Phononic - Software for prediction of forbidden bands in phononic materials	NTC-SW-12-09
HyperHom-Sfepy - Software for numerical simulations of nonlinear heterogeneous materials with consideration of large deformations	NTC-SW-13-09
Software for evaluation of flatness and dtv measurements of automobile brake discs	NTC-SW-01-08
Software for evaluation of brake disc temperature fields from the measurement of thermomechanical instabilities	NTC-SW-02-08
Software for evaluation of flatness and dtv measurements of automobile brake discs	NTC-SW-03-08
PEGALnap - a program for computational simulations of the development of thermoelastic instability, including a nonlinear mode with contact localization	NTC-SW-01-07
Software for modeling and simulation of real effects on V-A characteristics and efficiency of photovoltaic cells for practical applications	NTC-SW-02-07
Software for measuring the resistivity of thin films by the four-point method	NTC-SW-03-07
ADUMU - software for determination of attenuation characteristics of acoustic silencers by finite element method	NTC-SW-04-07
Software for calculation of homogenized acoustic transmission coefficients on perforated interfaces for 2D tasks	NTC-SW-05-07
Software for homogenization of porous materials in 3D	NTC-SW-06-07
Software for calculation of a band diagram from the first principles for ZnO using GW correction	NTC-SW-07-07
Database of articles for publication management	NTC-SW-03-06
HFEM-HE: numerical simulation of hyperelastic heterogeneous materials with periodic microstructure	NTC-SW-06-06
Software for body parametrization to modify the shape	NTC-SW-11-06
Software for micropolar elasticity	NTC-SW-12-06
Software for microstretch elasticity	NTC-SW-13-06
Software for shape optimization in optimal flow problems	NTC-SW-17-06
Software for two truss topology optimization	NTC-SW-20-06
SPHCOFEM software	NTC-SW-25-06