**Данные 24, плотность**

| $\mu = 0.1, p(\rho) = 1\rho, h = 0.01, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (9102.32)$ |
| $norm$ | $3.771976e-03$ | $3.325321e-03$ | $3.122195e-03$ | $3.000000e-03$ |
| $\Delta_{massa}$ | $-1.863632e-03$ | $-1.863584e-03$ | $-1.863439e-03$ | $-1.863257e-03$ |

| $\mu = 0.1, p(\rho) = 1\rho$ | |
|---|---|
| | tau= 0.01 ,h= 0.01 |
| $h - h^1$ | $4.880985e-03$ |
| | $4.061120e-03$ |
| | $5.550409e-01$ |
| $h - h^2$ | $4.390552e-03$ |
| | $4.236705e-03$ |
| | $5.550436e-01$ |
| $h - h^3$ | $4.486756e-03$ |
| | $4.394791e-03$ |
| | $5.550631e-01$ |

| $\mu = 0.1, p(\rho) = 1\rho, h = 0.01, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (9049.851)$ |
| $norm$ | $3.768770e-03$ | $3.323885e-03$ | $3.121646e-03$ | $3.000000e-03$ |
| $\Delta_{massa}$ | $-1.084802e-04$ | $-1.084339e-04$ | $-1.082908e-04$ | $-1.081107e-04$ |

| $\mu = 0.1, p(\rho) = 1\rho$ | |
|---|---|
| | tau= 0.001 ,h= 0.01 |
| $h - h^1$ | $3.918220e-03$ |
| | $3.243814e-03$ |
| | $5.520282e-01$ |
| $h - h^2$ | $2.944533e-03$ |
| | $3.291263e-03$ |
| | $5.520299e-01$ |
| $h - h^3$ | $3.027961e-03$ |
| | $3.464402e-03$ |
| | $5.520497e-01$ |

| $\mu = 0.1, p(\rho) = 1\rho, h = 0.001, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (216.3)$ |
| $norm$ | $6.980847e-02$ | $2.281001e-02$ | $7.721030e-03$ | $2.983543e-03$ |
| $\Delta_{massa}$ | $-1.889439e-03$ | $-1.941781e-03$ | $-1.945432e-03$ | $-1.946310e-03$ |

| $\mu = 0.1, p(\rho) = 1\rho$ | |
|---|---|
| | tau= 0.01 ,h= 0.001 |
| $h - h^1$ | $6.781379e-03$ |
| | $3.389877e-03$ |
| | $2.096954e+00$ |
| $h - h^2$ | $6.349093e-03$ |
| | $4.862617e-03$ |
| | $2.096916e+00$ |
| $h - h^3$ | $5.954965e-03$ |
| | $5.630718e-03$ |
| | $2.096883e+00$ |

| $\mu = 0.1, p(\rho) = 1\rho, h = 0.001, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (221.601)$ |
| $norm$ | $6.319475e-02$ | $1.755626e-02$ | $7.207524e-03$ | $2.999570e-03$ |
| $\Delta_{massa}$ | $-1.822082e-04$ | $-1.914403e-04$ | $-1.903746e-04$ | $-1.907314e-04$ |

| $\mu = 0.1, p(\rho) = 1\rho$ | |
|---|---|
| | tau= 0.001 ,h= 0.001 |
| $h - h^1$ | $1.235664e-02$ |
| | $1.693691e-03$ |
| | $2.798988e+00$ |
| $h - h^2$ | $1.135712e-02$ |
| | $1.556880e-03$ |
| | $2.799199e+00$ |
| $h - h^3$ | $1.030453e-02$ |
| | $1.498182e-03$ |
| | $2.799136e+00$ |

| $\mu = 0.01, p(\rho) = 1\rho, h = 0.01, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (1125.55)$ |
| $norm$ | $2.644529e-02$ | $1.320675e-02$ | $6.385693e-03$ | $2.997050e-03$ |
| $\Delta_{massa}$ | $-1.528679e-02$ | $-1.536242e-02$ | $-1.537793e-02$ | $-1.538334e-02$ |

| $\mu = 0.01, p(\rho) = 1\rho$ | |
|---|---|
| | tau= 0.01 ,h= 0.01 |
| $h - h^1$ | $2.281959e-02$ |
| | $2.547866e-02$ |
| | $6.667150e-01$ |
| $h - h^2$ | $3.610215e-02$ |
| | $3.993272e-02$ |
| | $6.706965e-01$ |
| $h - h^3$ | $4.318150e-02$ |
| | $4.800158e-02$ |
| | $6.734610e-01$ |

| $\mu = 0.01, p(\rho) = 1\rho, h = 0.01, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (1135.354)$ |
| $norm$ | $2.310725e-02$ | $1.422437e-02$ | $6.435633e-03$ | $2.998982e-03$ |
| $\Delta_{massa}$ | $-1.831113e-03$ | $-1.857315e-03$ | $-1.847529e-03$ | $-1.850733e-03$ |

| $\mu = 0.01, p(\rho) = 1\rho$ | |
|---|---|
| | tau= 0.001 ,h= 0.01 |
| $h - h^1$ | $4.783595e-03$ |
| | $4.494714e-03$ |
| | $6.036404e-01$ |
| $h - h^2$ | $4.766686e-03$ |
| | $5.088524e-03$ |
| | $6.037342e-01$ |
| $h - h^3$ | $5.553140e-03$ |
| | $5.514456e-03$ |
| | $6.038062e-01$ |

| $\mu = 0.01, p(\rho) = 1\rho, h = 0.001, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (1009.83)$ |
| $norm$ | $2.941635e-02$ | $1.249464e-02$ | $7.647218e-03$ | $2.998654e-03$ |
| $\Delta_{massa}$ | $-1.551811e-02$ | $-1.560100e-02$ | $-1.561430e-02$ | $-1.561766e-02$ |

| $\mu = 0.01, p(\rho) = 1\rho$ | |
|---|---|
| | tau= 0.01 ,h= 0.001 |
| $h - h^1$ | $4.520138e-02$ |
| | $3.098532e-02$ |
| | $1.425113e+00$ |
| $h - h^2$ | $6.715236e-02$ |
| | $4.862926e-02$ |
| | $1.428579e+00$ |
| $h - h^3$ | $7.702264e-02$ |
| | $5.804384e-02$ |
| | $1.430404e+00$ |

| $\mu = 0.01, p(\rho) = 1\rho, h = 0.001, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (1029.608)$ |
| $norm$ | $2.889760e-02$ | $1.184753e-02$ | $7.136160e-03$ | $2.999372e-03$ |
| $\Delta_{massa}$ | $-1.923992e-03$ | $-1.930424e-03$ | $-1.931385e-03$ | $-1.932646e-03$ |

| $\mu = 0.01, p(\rho) = 1\rho$ | |
|---|---|
| | tau= 0.001 ,h= 0.001 |
| $h - h^1$ | $3.751191e-03$ |
| | $3.788204e-03$ |
| | $1.126362e+00$ |
| $h - h^2$ | $5.669753e-03$ |
| | $5.631129e-03$ |
| | $1.126444e+00$ |
| $h - h^3$ | $6.639792e-03$ |
| | $6.570130e-03$ |
| | $1.126513e+00$ |

| $\mu = 0.001, p(\rho) = 1\rho, h = 0.01, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (0.69)$ |
| $norm$ | $9.039247e-01$ | $1.453736e+00$ | $1.448175e+03$ | $nan$ |
| $\Delta_{massa}$ | $-2.566826e-03$ | $-1.394627e-02$ | $1.335236e-02$ | $-nan$ |

| $\mu = 0.001, p(\rho) = 1\rho$ | |
|---|---|
| | tau= 0.01 ,h= 0.01 |
| $h - h^1$ | $3.531486e-01$ |
| | $6.847416e-02$ |
| | $9.760565e+00$ |
| $h - h^2$ | $2.693816e-01$ |
| | $6.690251e-02$ |
| | $8.235331e+00$ |
| $h - h^3$ | $2.875693e-01$ |
| | $6.812526e-02$ |
| | $8.299394e+00$ |

| $\mu = 0.001, p(\rho) = 1\rho, h = 0.01, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (2535.476)$ |
| $norm$ | $9.588303e-03$ | $7.930878e-03$ | $7.483730e-03$ | $2.999223e-03$ |
| $\Delta_{massa}$ | $-1.305525e-02$ | $-1.308003e-02$ | $-1.307549e-02$ | $-1.308050e-02$ |

| $\mu = 0.001, p(\rho) = 1\rho$ | |
|---|---|
| | tau= 0.001 ,h= 0.01 |
| $h - h^1$ | $3.691006e-02$ |
| | $2.161585e-02$ |
| | $4.263602e-01$ |
| $h - h^2$ | $4.562415e-02$ |
| | $3.353467e-02$ |
| | $4.369181e-01$ |
| $h - h^3$ | $4.931460e-02$ |
| | $4.059852e-02$ |
| | $4.398924e-01$ |

| $\mu = 0.001, p(\rho) = 1\rho, h = 0.001, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (0.42)$ |
| $norm$ | $2.191665e+00$ | $3.503399e+00$ | $1.077707e+04$ | $nan$ |
| $\Delta_{massa}$ | $-2.612582e-02$ | $-4.801301e-02$ | $4.595465e-02$ | $-nan$ |

| $\mu = 0.001, p(\rho) = 1\rho$ | |
|---|---|
| | tau= 0.01 ,h= 0.001 |
| $h - h^1$ | $3.142677e+00$ |
| | $3.665300e-01$ |
| | $5.690244e+02$ |
| $h - h^2$ | $4.320599e+00$ |
| | $5.256047e-01$ |
| | $5.620805e+02$ |
| $h - h^3$ | $4.368145e+00$ |
| | $5.368916e-01$ |
| | $5.633065e+02$ |

| $\mu = 0.001, p(\rho) = 1\rho, h = 0.001, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (1878.533)$ |
| $norm$ | $1.759190e-02$ | $7.870555e-03$ | $4.616633e-03$ | $2.999162e-03$ |
| $\Delta_{massa}$ | $-1.537220e-02$ | $-1.540041e-02$ | $-1.540535e-02$ | $-1.540699e-02$ |

| $\mu = 0.001, p(\rho) = 1\rho$ | |
|---|---|
| | tau= 0.001 ,h= 0.001 |
| $h - h^1$ | $5.535905e-02$ |
| | $2.956198e-02$ |
| | $1.030913e+00$ |
| $h - h^2$ | $6.584422e-02$ |
| | $4.490103e-02$ |
| | $1.038783e+00$ |
| $h - h^3$ | $6.914356e-02$ |
| | $5.302845e-02$ |
| | $1.039906e+00$ |

| $\mu = 0.1, p(\rho) = 10\rho, h = 0.01, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (1275.83)$ |
| $norm$ | $4.021656e-03$ | $3.337479e-03$ | $3.125866e-03$ | $2.999998e-03$ |
| $\Delta_{massa}$ | $-1.579349e-02$ | $-1.579312e-02$ | $-1.579282e-02$ | $-1.579254e-02$ |

| $\mu = 0.1, p(\rho) = 10\rho$ | |
|---|---|
| | tau= 0.01 ,h= 0.01 |
| $h - h^1$ | $1.135420e-02$ |
| | $2.413893e-02$ |
| | $6.250602e-01$ |
| $h - h^2$ | $1.463310e-02$ |
| | $3.716254e-02$ |
| | $6.256978e-01$ |
| $h - h^3$ | $1.672935e-02$ |
| | $4.440505e-02$ |
| | $6.261784e-01$ |

| $\mu = 0.1, p(\rho) = 10\rho, h = 0.01, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (226.092)$ |
| $norm$ | $3.419378e-02$ | $1.802832e-02$ | $1.020212e-02$ | $2.999922e-03$ |
| $\Delta_{massa}$ | $-1.870421e-03$ | $-1.860759e-03$ | $-1.856000e-03$ | $-1.855088e-03$ |

| $\mu = 0.1, p(\rho) = 10\rho$ | |
|---|---|
| | tau= 0.001 ,h= 0.01 |
| $h - h^1$ | $6.331523e-03$ |
| | $5.075814e-03$ |
| | $7.263078e-01$ |
| $h - h^2$ | $6.219864e-03$ |
| | $5.712171e-03$ |
| | $7.263767e-01$ |
| $h - h^3$ | $6.203367e-03$ |
| | $6.146467e-03$ |
| | $7.264564e-01$ |

| $\mu = 0.1, p(\rho) = 10\rho, h = 0.001, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (184.4)$ |
| $norm$ | $1.156399e-01$ | $4.098964e-02$ | $1.329331e-02$ | $2.936189e-03$ |
| $\Delta_{massa}$ | $-1.582167e-02$ | $-1.597897e-02$ | $-1.599853e-02$ | $-1.600123e-02$ |

| $\mu = 0.1, p(\rho) = 10\rho$ | |
|---|---|
| | tau= 0.01 ,h= 0.001 |
| $h - h^1$ | $2.022570e-02$ |
| | $2.869672e-02$ |
| | $1.659609e+00$ |
| $h - h^2$ | $3.218070e-02$ |
| | $4.512926e-02$ |
| | $1.660480e+00$ |
| $h - h^3$ | $3.873283e-02$ |
| | $5.412194e-02$ |
| | $1.661131e+00$ |

| $\mu = 0.1, p(\rho) = 10\rho, h = 0.001, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (187.487)$ |
| $norm$ | $5.075965e-02$ | $4.074282e-02$ | $1.131121e-02$ | $2.997076e-03$ |
| $\Delta_{massa}$ | $-1.919577e-03$ | $-1.933798e-03$ | $-1.935139e-03$ | $-1.935640e-03$ |

| $\mu = 0.1, p(\rho) = 10\rho$ | |
|---|---|
| | tau= 0.001 ,h= 0.001 |
| $h - h^1$ | $4.912193e-03$ |
| | $3.830891e-03$ |
| | $1.665763e+00$ |
| $h - h^2$ | $4.963734e-03$ |
| | $5.621669e-03$ |
| | $1.665795e+00$ |
| $h - h^3$ | $4.826980e-03$ |
| | $6.541412e-03$ |
| | $1.665805e+00$ |

| $\mu = 0.01, p(\rho) = 10\rho, h = 0.01, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (0.36)$ |
| $norm$ | $6.868967e+00$ | $1.610180e+01$ | $4.414471e+10$ | $nan$ |
| $\Delta_{massa}$ | $-7.493031e-02$ | $-1.584291e-01$ | $-3.091149e+03$ | $-nan$ |

| $\mu = 0.01, p(\rho) = 10\rho$ | |
|---|---|
| | tau= 0.01 ,h= 0.01 |
| $h - h^1$ | $8.841421e-01$ |
| | $2.464685e-01$ |
| | $2.700603e+01$ |
| $h - h^2$ | $1.070100e+00$ |
| | $3.286690e-01$ |
| | $2.662415e+01$ |
| $h - h^3$ | $1.094279e+00$ |
| | $3.356592e-01$ |
| | $2.725863e+01$ |

| $\mu = 0.01, p(\rho) = 10\rho, h = 0.01, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (1117.972)$ |
| $norm$ | $1.473792e-02$ | $6.293843e-03$ | $4.907528e-03$ | $2.999943e-03$ |
| $\Delta_{massa}$ | $-1.463524e-02$ | $-1.464826e-02$ | $-1.464612e-02$ | $-1.464723e-02$ |

| $\mu = 0.01, p(\rho) = 10\rho$ | |
|---|---|
| | tau= 0.001 ,h= 0.01 |
| $h - h^1$ | $1.376108e-02$ |
| | $2.134369e-02$ |
| | $4.067255e-01$ |
| $h - h^2$ | $2.121428e-02$ |
| | $3.403363e-02$ |
| | $4.084778e-01$ |
| $h - h^3$ | $2.530258e-02$ |
| | $4.129410e-02$ |
| | $4.097079e-01$ |

| $\mu = 0.01, p(\rho) = 10\rho, h = 0.001, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (0.4)$ |
| $norm$ | $5.834775e+00$ | $7.978774e+00$ | $2.799692e+08$ | $nan$ |
| $\Delta_{massa}$ | $-8.571964e-02$ | $-1.473998e-01$ | $4.341263e+04$ | $-nan$ |

| $\mu = 0.01, p(\rho) = 10\rho$ | |
|---|---|
| | tau= 0.01 ,h= 0.001 |
| $h - h^1$ | $4.507396e+00$ |
| | $5.184759e-01$ |
| | $7.506565e+02$ |
| $h - h^2$ | $5.492526e+00$ |
| | $8.556177e-01$ |
| | $7.307182e+02$ |
| $h - h^3$ | $5.450691e+00$ |
| | $8.825576e-01$ |
| | $7.305457e+02$ |

| $\mu = 0.01, p(\rho) = 10\rho, h = 0.001, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (586.068)$ |
| $norm$ | $2.631418e-02$ | $2.094802e-02$ | $1.275030e-02$ | $2.998660e-03$ |
| $\Delta_{massa}$ | $-1.550520e-02$ | $-1.553388e-02$ | $-1.553872e-02$ | $-1.553949e-02$ |

| $\mu = 0.01, p(\rho) = 10\rho$ | |
|---|---|
| | tau= 0.001 ,h= 0.001 |
| $h - h^1$ | $2.809011e-02$ |
| | $2.607945e-02$ |
| | $1.037109e+00$ |
| $h - h^2$ | $4.223131e-02$ |
| | $4.117130e-02$ |
| | $1.042094e+00$ |
| $h - h^3$ | $4.906474e-02$ |
| | $4.941368e-02$ |
| | $1.044844e+00$ |

| $\mu = 0.001, p(\rho) = 10\rho, h = 0.01, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (0.22)$ |
| $norm$ | $1.408893e+03$ | $4.280123e+09$ | $8.888588e+45$ | $nan$ |
| $\Delta_{massa}$ | $-5.782710e-02$ | $1.604355e+07$ | $-1.876359e+43$ | $-nan$ |

| $\mu = 0.001, p(\rho) = 10\rho$ | |
|---|---|
| | tau= 0.01 ,h= 0.01 |
| $h - h^1$ | $1.828458e+01$ |
| | $2.637872e+00$ |
| | $3.716694e+02$ |
| $h - h^2$ | $1.749449e+00$ |
| | $3.875555e-01$ |
| | $5.197226e+01$ |
| $h - h^3$ | $1.253783e+09$ |
| | $1.779895e+08$ |
| | $2.448879e+10$ |

| $\mu = 0.001, p(\rho) = 10\rho, h = 0.01, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (2.114)$ |
| $norm$ | $1.296284e+00$ | $1.625704e+00$ | $1.389791e+00$ | $nan$ |
| $\Delta_{massa}$ | $-4.698323e-02$ | $-6.224840e-02$ | $-7.766009e-02$ | $-nan$ |

| $\mu = 0.001, p(\rho) = 10\rho$ | |
|---|---|
| | tau= 0.001 ,h= 0.01 |
| $h - h^1$ | $4.561606e-01$ |
| | $1.728328e-01$ |
| | $2.307986e+01$ |
| $h - h^2$ | $3.030223e-01$ |
| | $1.604105e-01$ |
| | $1.930040e+01$ |
| $h - h^3$ | $3.006993e-01$ |
| | $1.637880e-01$ |
| | $1.984295e+01$ |

| $\mu = 0.001, p(\rho) = 10\rho, h = 0.001, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (0.16)$ |
| $norm$ | $5.239765e+02$ | $3.207297e+11$ | $7.720096e+51$ | $nan$ |
| $\Delta_{massa}$ | $-5.125071e-02$ | $6.329152e+07$ | $-9.243366e+48$ | $-nan$ |

| $\mu = 0.001, p(\rho) = 10\rho$ | |
|---|---|
| | tau= 0.01 ,h= 0.001 |
| $h - h^1$ | $2.902932e+00$ |
| | $3.556873e-01$ |
| | $2.717842e+02$ |
| $h - h^2$ | $5.568033e+00$ |
| | $6.511031e-01$ |
| | $2.167866e+02$ |
| $h - h^3$ | $1.688720e+00$ |
| | $2.733414e-01$ |
| | $4.641814e+01$ |

| $\mu = 0.001, p(\rho) = 10\rho, h = 0.001, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (0.04)$ |
| $norm$ | $9.386519e+01$ | $1.125989e+02$ | $1.475080e+12$ | $nan$ |
| $\Delta_{massa}$ | $-9.204377e-03$ | $-1.887782e-02$ | $2.880414e+07$ | $-nan$ |

| $\mu = 0.001, p(\rho) = 10\rho$ | |
|---|---|
| | tau= 0.001 ,h= 0.001 |
| $h - h^1$ | $1.205030e+00$ |
| | $8.894822e-02$ |
| | $1.150576e+02$ |
| $h - h^2$ | $1.217255e+00$ |
| | $1.215854e-01$ |
| | $1.099890e+02$ |
| $h - h^3$ | $1.150408e+00$ |
| | $1.224930e-01$ |
| | $1.066085e+02$ |

| $\mu = 0.1, p(\rho) = 100\rho, h = 0.01, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (0.42)$ |
| $norm$ | $1.582182e+01$ | $1.351071e+01$ | $1.243042e+03$ | $nan$ |
| $\Delta_{massa}$ | $-2.611143e-01$ | $-3.463887e-01$ | $-8.255750e-01$ | $-nan$ |

| $\mu = 0.1, p(\rho) = 100\rho$ | |
|---|---|
| | tau= 0.01 ,h= 0.01 |
| $h - h^1$ | $3.142677e+00$ |
| | $1.159071e+00$ |
| | $1.799450e+02$ |
| $h - h^2$ | $4.320599e+00$ |
| | $1.662111e+00$ |
| | $1.777531e+02$ |
| $h - h^3$ | $4.368145e+00$ |
| | $1.697802e+00$ |
| | $1.781411e+02$ |

| $\mu = 0.1, p(\rho) = 100\rho, h = 0.01, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (215.455)$ |
| $norm$ | $4.238655e-02$ | $2.196811e-02$ | $1.219344e-02$ | $2.998805e-03$ |
| $\Delta_{massa}$ | $-1.538010e-02$ | $-1.538570e-02$ | $-1.538453e-02$ | $-1.538413e-02$ |

| $\mu = 0.1, p(\rho) = 100\rho$ | |
|---|---|
| | tau= 0.001 ,h= 0.01 |
| $h - h^1$ | $1.505199e-02$ |
| | $2.383322e-02$ |
| | $5.775713e-01$ |
| $h - h^2$ | $2.180811e-02$ |
| | $3.680015e-02$ |
| | $5.783849e-01$ |
| $h - h^3$ | $2.575655e-02$ |
| | $4.409322e-02$ |
| | $5.789921e-01$ |

| $\mu = 0.1, p(\rho) = 100\rho, h = 0.001, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (0.43)$ |
| $norm$ | $1.623660e+02$ | $2.527532e+01$ | $3.024038e+03$ | $nan$ |
| $\Delta_{massa}$ | $-3.255389e-01$ | $-3.691187e-01$ | $-8.597519e-01$ | $-nan$ |

| $\mu = 0.1, p(\rho) = 100\rho$ | |
|---|---|
| | tau= 0.01 ,h= 0.001 |
| $h - h^1$ | $8.859813e+00$ |
| | $7.864769e-01$ |
| | $7.772645e+02$ |
| $h - h^2$ | $1.032480e+01$ |
| | $1.519098e+00$ |
| | $7.737570e+02$ |
| $h - h^3$ | $1.021501e+01$ |
| | $1.567188e+00$ |
| | $7.735013e+02$ |

| $\mu = 0.1, p(\rho) = 100\rho, h = 0.001, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (122.336)$ |
| $norm$ | $2.379699e-01$ | $7.869953e-02$ | $2.528342e-02$ | $2.966804e-03$ |
| $\Delta_{massa}$ | $-1.555598e-02$ | $-1.560821e-02$ | $-1.561685e-02$ | $-1.561820e-02$ |

| $\mu = 0.1, p(\rho) = 100\rho$ | |
|---|---|
| | tau= 0.001 ,h= 0.001 |
| $h - h^1$ | $2.094220e-02$ |
| | $2.581445e-02$ |
| | $1.356686e+00$ |
| $h - h^2$ | $3.319494e-02$ |
| | $4.097941e-02$ |
| | $1.358158e+00$ |
| $h - h^3$ | $3.978366e-02$ |
| | $4.933872e-02$ |
| | $1.359206e+00$ |

| $\mu = 0.01, p(\rho) = 100\rho, h = 0.01, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (0.17)$ |
| $norm$ | $9.855761e+02$ | $1.309296e+09$ | $5.704038e+30$ | $nan$ |
| $\Delta_{massa}$ | $-3.395200e-01$ | $3.007094e+04$ | $4.205184e+28$ | $-nan$ |

| $\mu = 0.01, p(\rho) = 100\rho$ | |
|---|---|
| | tau= 0.01 ,h= 0.01 |
| $h - h^1$ | $1.348331e+00$ |
| | $3.986688e-01$ |
| | $3.738292e+01$ |
| $h - h^2$ | $4.210575e+00$ |
| | $1.331712e+00$ |
| | $6.803109e+01$ |
| $h - h^3$ | $1.923252e+00$ |
| | $6.176966e-01$ |
| | $3.822505e+01$ |

| $\mu = 0.01, p(\rho) = 100\rho, h = 0.01, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (0.068)$ |
| $norm$ | $7.108744e+00$ | $1.453736e+01$ | $1.448175e+04$ | $nan$ |
| $\Delta_{massa}$ | $-2.566826e-03$ | $-1.394627e-02$ | $1.335236e-02$ | $-nan$ |

| $\mu = 0.01, p(\rho) = 100\rho$ | |
|---|---|
| | tau= 0.001 ,h= 0.01 |
| $h - h^1$ | $3.531486e-01$ |
| | $6.847416e-02$ |
| | $9.760565e+00$ |
| $h - h^2$ | $2.693816e-01$ |
| | $6.690251e-02$ |
| | $8.235331e+00$ |
| $h - h^3$ | $2.875693e-01$ |
| | $6.812526e-02$ |
| | $8.299394e+00$ |

| $\mu = 0.01, p(\rho) = 100\rho, h = 0.001, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (0.16)$ |
| $norm$ | $1.861896e+04$ | $4.851176e+07$ | $4.347462e+42$ | $nan$ |
| $\Delta_{massa}$ | $-1.982005e-02$ | $-4.429173e+02$ | $-1.094117e+26$ | $-nan$ |

| $\mu = 0.01, p(\rho) = 100\rho$ | |
|---|---|
| | tau= 0.01 ,h= 0.001 |
| $h - h^1$ | $8.447320e+00$ |
| | $8.841469e-01$ |
| | $4.222966e+02$ |
| $h - h^2$ | $5.162377e+01$ |
| | $3.144440e+00$ |
| | $2.187898e+03$ |
| $h - h^3$ | $3.293893e+00$ |
| | $1.190249e+00$ |
| | $5.450650e+01$ |

| $\mu = 0.01, p(\rho) = 100\rho, h = 0.001, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (0.046)$ |
| $norm$ | $1.846309e+01$ | $1.773404e+01$ | $6.653084e+04$ | $nan$ |
| $\Delta_{massa}$ | $-2.825001e-02$ | $-5.319817e-02$ | $-6.330216e-01$ | $-nan$ |

| $\mu = 0.01, p(\rho) = 100\rho$ | |
|---|---|
| | tau= 0.001 ,h= 0.001 |
| $h - h^1$ | $3.142677e+00$ |
| | $3.665300e-01$ |
| | $5.690244e+02$ |
| $h - h^2$ | $4.320599e+00$ |
| | $5.256047e-01$ |
| | $5.620805e+02$ |
| $h - h^3$ | $4.368145e+00$ |
| | $5.368916e-01$ |
| | $5.633065e+02$ |

| $\mu = 0.001, p(\rho) = 100\rho, h = 0.01, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (0.19)$ |
| $norm$ | $1.105955e+03$ | $4.362115e+09$ | $2.525287e+51$ | $nan$ |
| $\Delta_{massa}$ | $7.223407e-01$ | $-1.490943e+07$ | $5.090529e+47$ | $-nan$ |

| $\mu = 0.001, p(\rho) = 100\rho$ | |
|---|---|
| | tau= 0.01 ,h= 0.01 |
| $h - h^1$ | $6.333255e+00$ |
| | $1.248772e+00$ |
| | $1.433624e+02$ |
| $h - h^2$ | $3.405573e+02$ |
| | $4.825085e+01$ |
| | $6.683525e+03$ |
| $h - h^3$ | $1.432460e+09$ |
| | $2.026175e+08$ |
| | $2.841585e+10$ |

| $\mu = 0.001, p(\rho) = 100\rho, h = 0.01, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (0.035)$ |
| $norm$ | $6.671871e+00$ | $2.396907e+01$ | $3.556493e+24$ | $nan$ |
| $\Delta_{massa}$ | $-1.412382e-03$ | $-7.012277e-03$ | $3.430026e+21$ | $-nan$ |

| $\mu = 0.001, p(\rho) = 100\rho$ | |
|---|---|
| | tau= 0.001 ,h= 0.01 |
| $h - h^1$ | $1.995746e - 01$ |
| | $5.811553e - 02$ |
| | $9.243087e + 00$ |
| $h - h^2$ | $3.277256e - 01$ |
| | $7.625382e - 02$ |
| | $1.123490e + 01$ |
| $h - h^3$ | $2.885815e - 01$ |
| | $8.751638e - 02$ |
| | $1.220839e + 01$ |

| $\mu = 0.001, p(\rho) = 100\rho, h = 0.001, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (0.14)$ |
| $norm$ | $3.546551e + 04$ | $3.536354e + 16$ | $4.838412e + 50$ | $nan$ |
| $\Delta_{massa}$ | $-1.726344e - 01$ | $-1.147357e + 09$ | $5.767845e + 47$ | $-nan$ |

| $\mu = 0.001, p(\rho) = 100\rho$ | |
|---|---|
| | tau= 0.01 ,h= 0.001 |
| $h - h^1$ | $5.651069e + 00$ |
| | $8.538869e - 01$ |
| | $3.371556e + 02$ |
| $h - h^2$ | $5.285542e + 02$ |
| | $5.310116e + 01$ |
| | $4.014924e + 04$ |
| $h - h^3$ | $7.542598e + 08$ |
| | $4.161047e + 07$ |
| | $4.014852e + 10$ |

| $\mu = 0.001, p(\rho) = 100\rho, h = 0.001, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (0.018)$ |
| $norm$ | $9.855761e + 02$ | $6.890899e + 12$ | $1.673631e + 44$ | $nan$ |
| $\Delta_{massa}$ | $-3.400755e - 02$ | $-3.284434e + 09$ | $1.147526e + 39$ | $-nan$ |

| $\mu = 0.001, p(\rho) = 100\rho$ | |
|---|---|
| | tau= 0.001 ,h= 0.001 |
| $h - h^1$ | $1.348331e + 00$ |
| | $1.260701e - 01$ |
| | $1.182085e + 02$ |
| $h - h^2$ | $4.210575e + 00$ |
| | $4.211244e - 01$ |
| | $2.150924e + 02$ |
| $h - h^3$ | $1.923252e + 00$ |
| | $1.953328e - 01$ |
| | $1.208626e + 02$ |

Данные 24, плотность, степенная зависимость

| $\mu = 0.1, p(\rho) = \rho^{1.4}, h = 0.01, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (6379.83)$ |
| $norm$ | $3.774187e - 03$ | $3.326231e - 03$ | $3.122527e - 03$ | $3.000000e - 03$ |
| $\Delta_{massa}$ | $-2.946234e - 03$ | $-2.946183e - 03$ | $-2.946030e - 03$ | $-2.945842e - 03$ |

| $\mu = 0.1, p(\rho) = \rho^{1,4}$ | |
|---|---|
| | tau= 0.01 ,h= 0.01 |
| $h - h^1$ | $5.462147e-03$ |
| | $5.383534e-03$ |
| | $5.592200e-01$ |
| $h - h^2$ | $5.270476e-03$ |
| | $6.535253e-03$ |
| | $5.592334e-01$ |
| $h - h^3$ | $5.517550e-03$ |
| | $7.208288e-03$ |
| | $5.592592e-01$ |

| $\mu = 0.1, p(\rho) = \rho^{1.4}, h = 0.01, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (6255.953)$ |
| $norm$ | $3.768846e-03$ | $3.323928e-03$ | $3.121662e-03$ | $3.000000e-03$ |
| $\Delta_{massa}$ | $-2.239829e-04$ | $-2.239354e-04$ | $-2.237900e-04$ | $-2.236083e-04$ |

| $\mu = 0.1, p(\rho) = \rho^{1,4}$ | |
|---|---|
| | tau= 0.001 ,h= 0.01 |
| $h - h^1$ | $3.977869e-03$ |
| | $3.219743e-03$ |
| | $5.530345e-01$ |
| $h - h^2$ | $3.036348e-03$ |
| | $3.168874e-03$ |
| | $5.530356e-01$ |
| $h - h^3$ | $2.916725e-03$ |
| | $3.279561e-03$ |
| | $5.530547e-01$ |

| $\mu = 0.1, p(\rho) = \rho^{1.4}, h = 0.001, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (212.2)$ |
| $norm$ | $5.678036e-02$ | $2.028797e-02$ | $8.333633e-03$ | $2.990341e-03$ |
| $\Delta_{massa}$ | $-2.968032e-03$ | $-3.025613e-03$ | $-3.030052e-03$ | $-3.030915e-03$ |

| $\mu = 0.1, p(\rho) = \rho^{1,4}$ | |
|---|---|
| | tau= 0.01 ,h= 0.001 |
| $h - h^1$ | $5.248102e-03$ |
| | $5.840262e-03$ |
| | $1.868439e+00$ |
| $h - h^2$ | $5.741014e-03$ |
| | $8.762208e-03$ |
| | $1.868431e+00$ |
| $h - h^3$ | $6.746137e-03$ |
| | $1.026068e-02$ |
| | $1.868421e+00$ |

| $\mu = 0.1, p(\rho) = \rho^{1.4}, h = 0.001, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (216.463)$ |
| $norm$ | $5.681971e-02$ | $1.864150e-02$ | $7.515143e-03$ | $2.999948e-03$ |
| $\Delta_{massa}$ | $-2.977654e-04$ | $-3.066084e-04$ | $-3.057219e-04$ | $-3.061398e-04$ |

| $\mu = 0.1, p(\rho) = \rho^{1,4}$ | |
|---|---|
| | tau= 0.001 ,h= 0.001 |
| $h - h^1$ | $1.042427e-02$ |
| | $1.571591e-03$ |
| | $2.499881e+00$ |
| $h - h^2$ | $9.622620e-03$ |
| | $1.518655e-03$ |
| | $2.500033e+00$ |
| $h - h^3$ | $8.754757e-03$ |
| | $1.511313e-03$ |
| | $2.499995e+00$ |

| $\mu = 0.01, p(\rho) = \rho^{1.4}, h = 0.01, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (1037.1)$ |
| $norm$ | $2.283688e-02$ | $1.059401e-02$ | $5.496529e-03$ | $2.989662e-03$ |
| $\Delta_{massa}$ | $-2.159479e-02$ | $-2.165927e-02$ | $-2.167174e-02$ | $-2.167603e-02$ |

| $\mu = 0.01, p(\rho) = \rho^{1,4}$ | |
|---|---|
| | tau= 0.01 ,h= 0.01 |
| $h - h^1$ | $4.909495e-02$ |
| | $4.366775e-02$ |
| | $6.915741e-01$ |
| $h - h^2$ | $6.708038e-02$ |
| | $6.783983e-02$ |
| | $7.007247e-01$ |
| $h - h^3$ | $7.374728e-02$ |
| | $8.085589e-02$ |
| | $7.040778e-01$ |

| $\mu = 0.01, p(\rho) = \rho^{1.4}, h = 0.01, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (1041.289)$ |
| $norm$ | $1.775237e-02$ | $1.153502e-02$ | $5.944665e-03$ | $2.999011e-03$ |
| $\Delta_{massa}$ | $-2.894600e-03$ | $-2.914634e-03$ | $-2.906662e-03$ | $-2.909385e-03$ |

| $\mu = 0.01, p(\rho) = \rho^{1,4}$ | |
|---|---|
| | tau= 0.001 ,h= 0.01 |
| $h - h^1$ | $1.596813e-02$ |
| | $9.329620e-03$ |
| | $6.035944e-01$ |
| $h - h^2$ | $2.223752e-02$ |
| | $1.251042e-02$ |
| | $6.044751e-01$ |
| $h - h^3$ | $2.512825e-02$ |
| | $1.408548e-02$ |
| | $6.050034e-01$ |

| $\mu = 0.01, p(\rho) = \rho^{1.4}, h = 0.001, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (3.31)$ |
| $norm$ | $4.409423e-01$ | $4.406349e-01$ | $4.354327e-01$ | $nan$ |
| $\Delta_{massa}$ | $-3.638209e-03$ | $-5.358441e-03$ | $-6.972141e-03$ | $-nan$ |

| $\mu = 0.01, p(\rho) = \rho^{1,4}$ | |
|---|---|
| | tau= 0.01 ,h= 0.001 |
| $h - h^1$ | $4.841596e-02$ |
| | $2.138841e-02$ |
| | $3.810296e+00$ |
| $h - h^2$ | $6.002701e-02$ |
| | $2.833226e-02$ |
| | $3.825416e+00$ |
| $h - h^3$ | $6.498543e-02$ |
| | $3.168405e-02$ |
| | $3.836769e+00$ |

| $\mu = 0.01, p(\rho) = \rho^{1.4}, h = 0.001, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (903.835)$ |
| $norm$ | $2.208349e-02$ | $1.044924e-02$ | $6.598849e-03$ | $2.998357e-03$ |
| $\Delta_{massa}$ | $-2.991606e-03$ | $-3.000915e-03$ | $-3.002678e-03$ | $-3.003029e-03$ |

| $\mu = 0.01, p(\rho) = \rho^{1,4}$ | |
|---|---|
| | tau= 0.001 ,h= 0.001 |
| $h - h^1$ | $1.123872e-02$ |
| | $8.286158e-03$ |
| | $1.132674e+00$ |
| $h - h^2$ | $1.696776e-02$ |
| | $1.251547e-02$ |
| | $1.133485e+00$ |
| $h - h^3$ | $1.983996e-02$ |
| | $1.466402e-02$ |
| | $1.134021e+00$ |

| $\mu = 0.001, p(\rho) = \rho^{1.4}, h = 0.01, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (0.2)$ |
| $norm$ | $9.025941e-01$ | $1.060040e+00$ | $1.932959e+00$ | $nan$ |
| $\Delta_{massa}$ | $-1.358120e-03$ | $-3.329302e-03$ | $-8.131904e-03$ | $-nan$ |

| $\mu = 0.001, p(\rho) = \rho^{1,4}$ | |
|---|---|
| | tau= 0.01 ,h= 0.01 |
| $h - h^1$ | $3.254844e-01$ |
| | $5.852017e-02$ |
| | $9.065921e+00$ |
| $h - h^2$ | $3.953112e-01$ |
| | $8.296269e-02$ |
| | $1.125491e+01$ |
| $h - h^3$ | $2.698751e-01$ |
| | $7.143644e-02$ |
| | $9.490991e+00$ |

| $\mu = 0.001, p(\rho) = \rho^{1.4}, h = 0.01, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (2154.914)$ |
| $norm$ | $1.206823e-02$ | $6.396247e-03$ | $5.490512e-03$ | $2.999932e-03$ |
| $\Delta_{massa}$ | $-1.692288e-02$ | $-1.693267e-02$ | $-1.693358e-02$ | $-1.693894e-02$ |

| $\mu = 0.001, p(\rho) = \rho^{1,4}$ | |
|---|---|
| | tau= 0.001 ,h= 0.01 |
| $h - h^1$ | $3.918817e-02$ |
| | $3.313851e-02$ |
| | $4.311179e-01$ |
| $h - h^2$ | $4.124339e-02$ |
| | $4.887852e-02$ |
| | $4.327717e-01$ |
| $h - h^3$ | $4.316338e-02$ |
| | $5.889884e-02$ |
| | $4.341216e-01$ |

| $\mu = 0.001, p(\rho) = \rho^{1.4}, h = 0.001, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (0.02)$ |
| $norm$ | $1.847056e+00$ | $1.291421e+00$ | $1.291421e+00$ | $nan$ |
| $\Delta_{massa}$ | $0.000000e+00$ | $-1.972545e-03$ | $-1.972545e-03$ | $-nan$ |

| $\mu = 0.001, p(\rho) = \rho^{1,4}$ | |
|---|---|
| | tau= 0.01 ,h= 0.001 |
| $h - h^1$ | $0.000000e+00$ |
| | $0.000000e+00$ |
| | $0.000000e+00$ |
| $h - h^2$ | $0.000000e+00$ |
| | $0.000000e+00$ |
| | $0.000000e+00$ |
| $h - h^3$ | $0.000000e+00$ |
| | $0.000000e+00$ |
| | $0.000000e+00$ |

| $\mu = 0.001, p(\rho) = \rho^{1.4}, h = 0.001, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (1301.924)$ |
| $norm$ | $2.395606e-02$ | $9.554427e-03$ | $5.182929e-03$ | $2.999678e-03$ |
| $\Delta_{massa}$ | $-2.157569e-02$ | $-2.161886e-02$ | $-2.162690e-02$ | $-2.162971e-02$ |

| $\mu = 0.001, p(\rho) = \rho^{1,4}$ | |
|---|---|
| | tau= 0.001 ,h= 0.001 |
| $h - h^1$ | $6.392893e-02$ |
| | $5.462950e-02$ |
| | $1.163546e+00$ |
| $h - h^2$ | $6.755622e-02$ |
| | $7.621944e-02$ |
| | $1.165135e+00$ |
| $h - h^3$ | $6.966330e-02$ |
| | $8.796646e-02$ |
| | $1.166136e+00$ |

**Картинки**

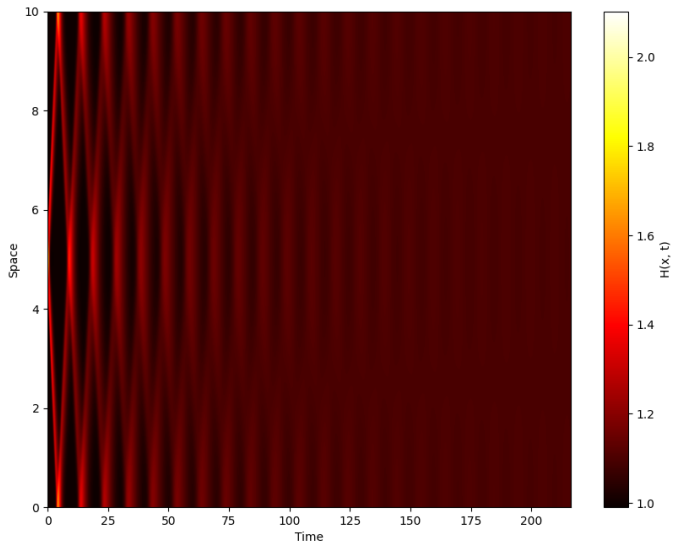


Figure 1: $\mu = 0.1, p(\rho) = 1\rho, h = 0.001, \tau = 0.01$, Плотность

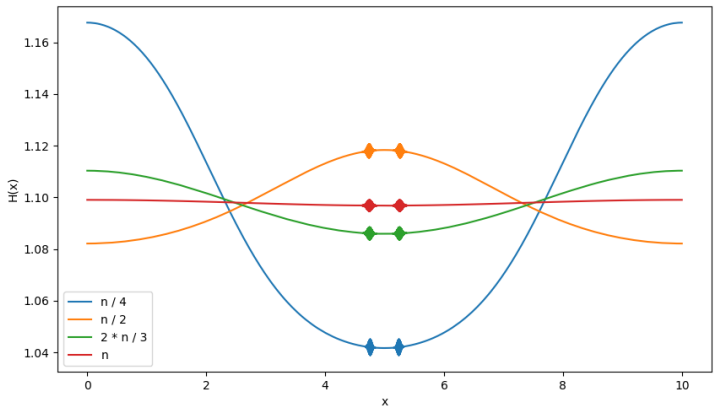


Figure 2: $\mu = 0.1, p(\rho) = 1\rho, h = 0.001, \tau = 0.01$, Плотность

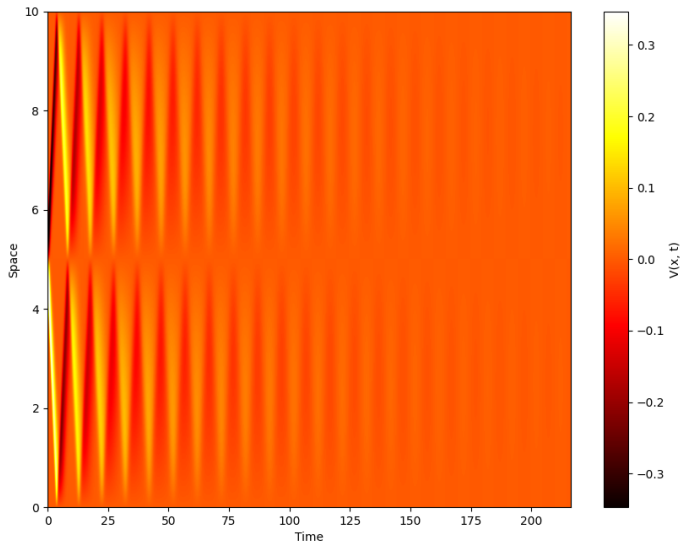


Figure 3: $\mu = 0.1, p(\rho) = 1\rho, h = 0.001, \tau = 0.01$, Скорость

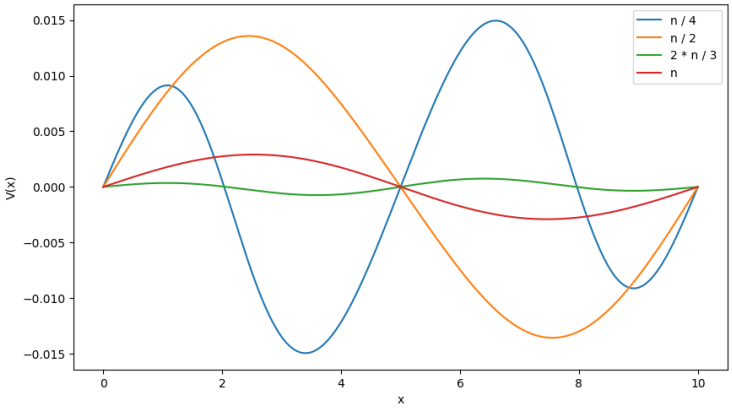


Figure 4: $\mu = 0.1, p(\rho) = 1\rho, h = 0.001, \tau = 0.01$, Скорость

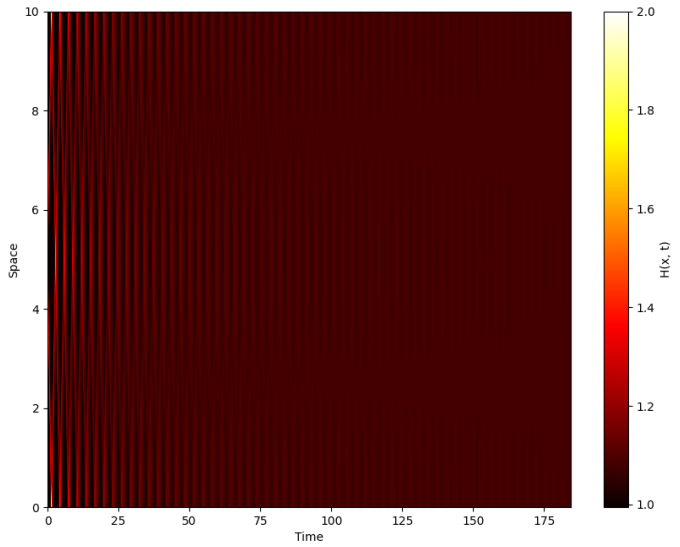


Figure 5: $\mu = 0.1, p(\rho) = 10\rho, h = 0.001, \tau = 0.01$, Плотность

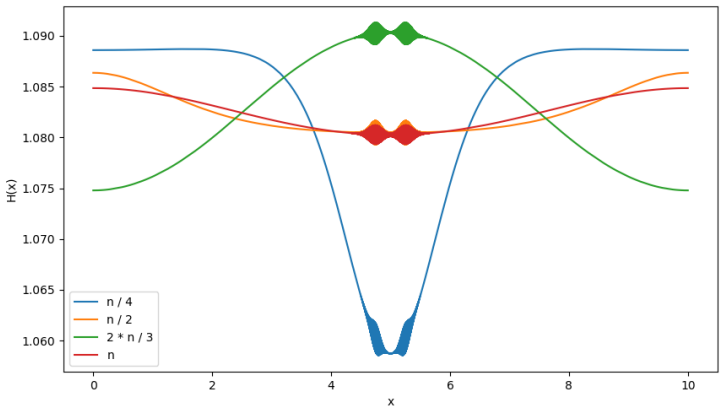


Figure 6: $\mu = 0.1, p(\rho) = 10\rho, h = 0.001, \tau = 0.01$, Плотность

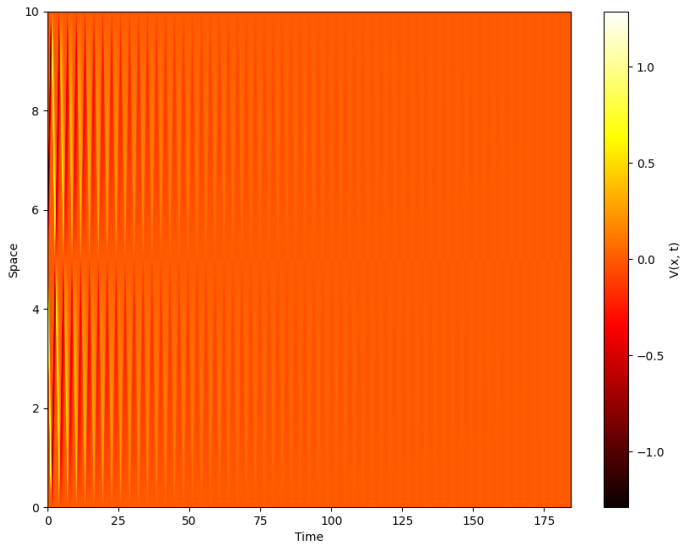


Figure 7: $\mu = 0.1, p(\rho) = 10\rho, h = 0.001, \tau = 0.01$, Скорость

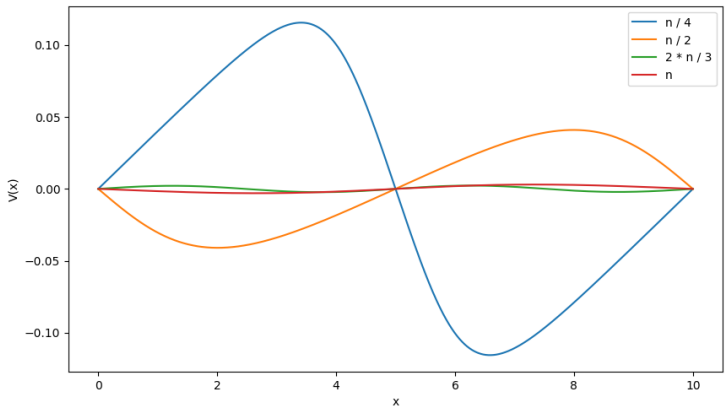


Figure 8: $\mu = 0.1, p(\rho) = 10\rho, h = 0.001, \tau = 0.01$, Скорость

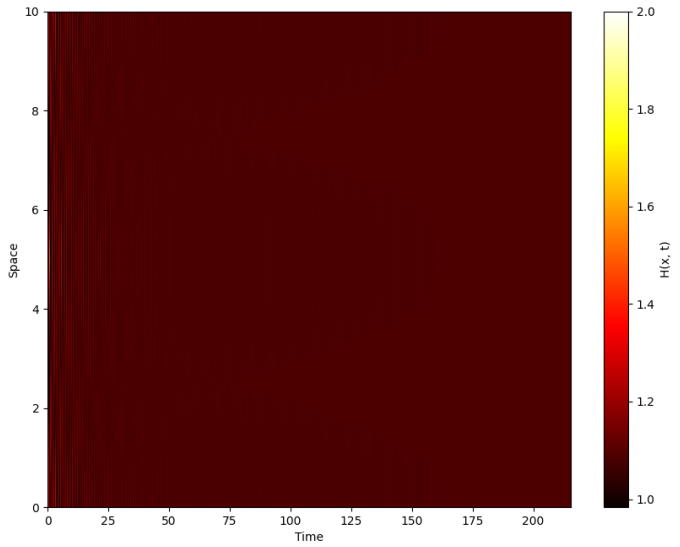


Figure 9: $\mu = 0.1, p(\rho) = 100\rho, h = 0.01, \tau = 0.001$, Плотность

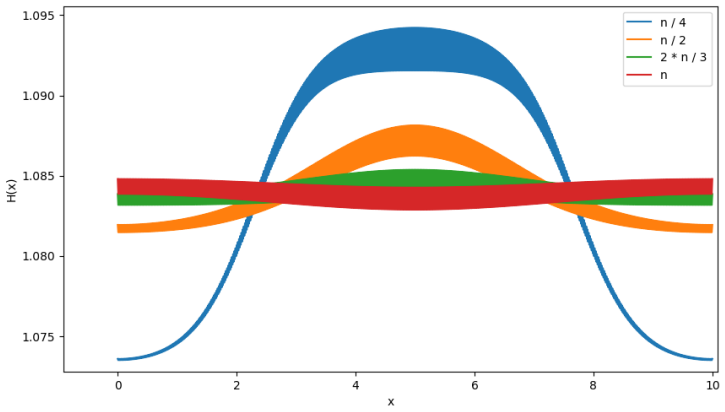


Figure 10: $\mu = 0.1, p(\rho) = 100\rho, h = 0.01, \tau = 0.001$, Плотность

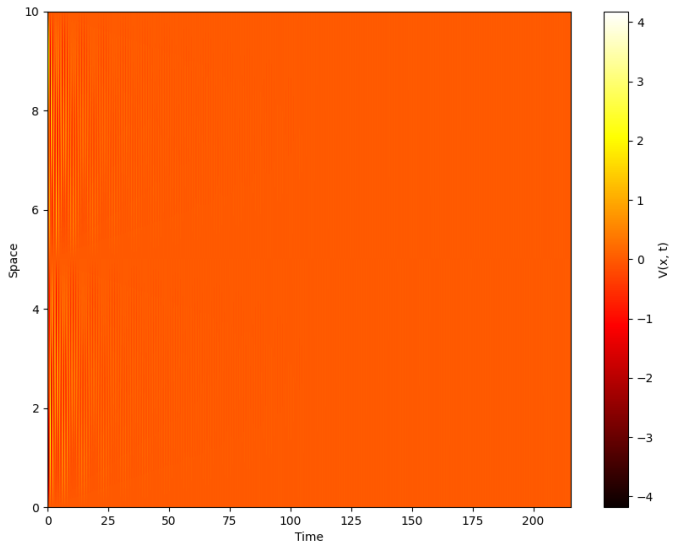


Figure 11: $\mu = 0.1, p(\rho) = 100\rho, h = 0.01, \tau = 0.001$, Скорость

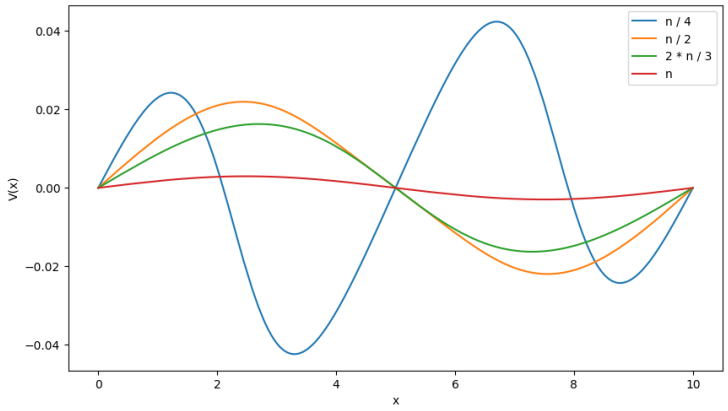


Figure 12: $\mu = 0.1, p(\rho) = 100\rho, h = 0.01, \tau = 0.001$, Скорость

**Данные 25, плотность**

| $\mu = 0.1, p(\rho) = 1\rho, h = 0.01, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (4070.36)$ |
| $norm$ | $4.056464e-03$ | $3.450206e-03$ | $3.165946e-03$ | $3.000000e-03$ |
| $\Delta_{massa}$ | $-2.947733e-03$ | $-2.947735e-03$ | $-2.947741e-03$ | $-2.947764e-03$ |

| $\mu = 0.1, p(\rho) = 1\rho$ | |
|---|---|
| | tau= 0.01 ,h= 0.01 |
| $h - h^1$ | $5.381028e-03$<br>$5.472099e-03$<br>$6.147558e-01$ |
| $h - h^2$ | $5.381108e-03$<br>$7.482849e-03$<br>$6.147959e-01$ |
| $h - h^3$ | $6.068216e-03$<br>$8.626989e-03$<br>$6.148230e-01$ |

| $\mu = 0.1, p(\rho) = 1\rho, h = 0.01, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (668.349)$ |
| $norm$ | $3.839660e-02$ | $1.837735e-02$ | $6.169164e-03$ | $2.999325e-03$ |
| $\Delta_{massa}$ | $-2.805473e-04$ | $-2.704568e-04$ | $-2.708536e-04$ | $-2.713101e-04$ |

| $\mu = 0.1, p(\rho) = 1\rho$ | |
|---|---|
| | tau= 0.001 ,h= 0.01 |
| $h - h^1$ | $1.318447e-03$ |
| | $7.613866e-04$ |
| | $9.584584e-02$ |
| $h - h^2$ | $9.822267e-04$ |
| | $9.291926e-04$ |
| | $9.587787e-02$ |
| $h - h^3$ | $8.932684e-04$ |
| | $1.029921e-03$ |
| | $9.590548e-02$ |

| $\mu = 0.1, p(\rho) = 1\rho, h = 0.001, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (12000.0)$ |
| $norm$ | $7.679256e-02$ | $6.428795e-02$ | $5.643251e-02$ | $5.090817e-02$ |
| $\Delta_{massa}$ | $-3.905380e-03$ | $-3.905380e-03$ | $-3.905380e-03$ | $-3.905380e-03$ |

| $\mu = 0.1, p(\rho) = 1\rho$ | |
|---|---|
| | tau= 0.01 ,h= 0.001 |
| $h - h^1$ | $1.573072e-01$ |
| | $5.618978e-02$ |
| | $9.497846e+01$ |
| $h - h^2$ | $1.389202e-01$ |
| | $5.143738e-02$ |
| | $9.497842e+01$ |
| $h - h^3$ | $1.241849e-01$ |
| | $4.971815e-02$ |
| | $9.497838e+01$ |

| $\mu = 0.1, p(\rho) = 1\rho, h = 0.001, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (606.96)$ |
| $norm$ | $4.886063e-02$ | $1.980697e-02$ | $8.533146e-03$ | $2.999946e-03$ |
| $\Delta_{massa}$ | $-3.035476e-04$ | $-3.070871e-04$ | $-3.076412e-04$ | $-3.077064e-04$ |

| $\mu = 0.1, p(\rho) = 1\rho$ | |
|---|---|
| | tau= 0.001 ,h= 0.001 |
| $h - h^1$ | $5.754288e-03$ |
| | $1.207154e-03$ |
| | $1.827081e+00$ |
| $h - h^2$ | $4.687556e-03$ |
| | $1.341437e-03$ |
| | $1.827055e+00$ |
| $h - h^3$ | $3.955758e-03$ |
| | $1.444377e-03$ |
| | $1.827042e+00$ |

| $\mu = 0.01, p(\rho) = 1\rho, h = 0.01, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (12000.0)$ |
| $norm$ | $4.689214e-03$ | $3.542998e-03$ | $3.246570e-03$ | $3.189497e-03$ |
| $\Delta_{massa}$ | $-2.214999e-02$ | $-2.215080e-02$ | $-2.215083e-02$ | $-2.215083e-02$ |

| $\mu = 0.01, p(\rho) = 1\rho$ | |
|---|---|
| | tau= 0.01 ,h= 0.01 |
| $h - h^1$ | $1.846758e-02$ |
| | $3.385888e-02$ |
| | $8.573283e-01$ |
| $h - h^2$ | $3.294799e-02$ |
| | $5.583995e-02$ |
| | $8.585198e-01$ |
| $h - h^3$ | $3.800306e-02$ |
| | $6.697914e-02$ |
| | $8.593373e-01$ |

| $\mu = 0.01, p(\rho) = 1\rho, h = 0.01, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (2696.025)$ |
| $norm$ | $1.031167e-02$ | $7.200311e-03$ | $6.532619e-03$ | $2.999496e-03$ |
| $\Delta_{massa}$ | $-2.652262e-03$ | $-2.651142e-03$ | $-2.653354e-03$ | $-2.654120e-03$ |

| $\mu = 0.01, p(\rho) = 1\rho$ | |
|---|---|
| | tau= 0.001 ,h= 0.01 |
| $h - h^1$ | $8.067912e-03$ |
| | $7.412692e-03$ |
| | $4.912018e-01$ |
| $h - h^2$ | $1.220649e-02$ |
| | $1.099125e-02$ |
| | $4.914019e-01$ |
| $h - h^3$ | $1.428295e-02$ |
| | $1.283583e-02$ |
| | $4.915342e-01$ |

| $\mu = 0.01, p(\rho) = 1\rho, h = 0.001, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (12000.0)$ |
| $norm$ | $3.374153e-02$ | $2.521262e-02$ | $2.109916e-02$ | $1.851940e-02$ |
| $\Delta_{massa}$ | $-2.354989e-02$ | $-2.355074e-02$ | $-2.355078e-02$ | $-2.355078e-02$ |

| $\mu = 0.01, p(\rho) = 1\rho$ | |
|---|---|
| | tau= 0.01 ,h= 0.001 |
| $h - h^1$ | $8.457143e-02$ |
| | $5.459421e-02$ |
| | $6.839793e+01$ |
| $h - h^2$ | $7.610924e-02$ |
| | $6.931896e-02$ |
| | $6.839797e+01$ |
| $h - h^3$ | $6.608622e-02$ |
| | $7.857017e-02$ |
| | $6.839799e+01$ |

| $\mu = 0.01, p(\rho) = 1\rho, h = 0.001, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (2364.945)$ |
| $norm$ | $1.607632e-02$ | $6.614061e-03$ | $5.151002e-03$ | $2.999559e-03$ |
| $\Delta_{massa}$ | $-2.676674e-03$ | $-2.678864e-03$ | $-2.679445e-03$ | $-2.679607e-03$ |

| $\mu = 0.01, p(\rho) = 1\rho$ | |
|---|---|
| | tau= 0.001 ,h= 0.001 |
| $h - h^1$ | $9.426654e-03$ |
| | $7.578513e-03$ |
| | $2.624123e+00$ |
| $h - h^2$ | $1.411373e-02$ |
| | $1.132006e-02$ |
| | $2.624181e+00$ |
| $h - h^3$ | $1.642178e-02$ |
| | $1.321720e-02$ |
| | $2.624217e+00$ |

| $\mu = 0.001, p(\rho) = 1\rho, h = 0.01, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (0.57)$ |
| $norm$ | $1.430755e+00$ | $2.675256e+00$ | $1.720543e+01$ | $nan$ |
| $\Delta_{massa}$ | $-3.205058e-03$ | $-1.085164e-02$ | $-3.662130e-02$ | $-nan$ |

| $\mu = 0.001, p(\rho) = 1\rho$ | |
|---|---|
| | tau= 0.01 ,h= 0.01 |
| $h - h^1$ | $3.593735e-01$ |
| | $6.193340e-02$ |
| | $9.718273e+00$ |
| $h - h^2$ | $6.389307e-01$ |
| | $9.745377e-02$ |
| | $1.538757e+01$ |
| $h - h^3$ | $7.641775e-01$ |
| | $1.097142e-01$ |
| | $1.706546e+01$ |

| $\mu = 0.001, p(\rho) = 1\rho, h = 0.01, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (4432.029)$ |
| $norm$ | $1.043870e-02$ | $8.910663e-03$ | $5.280984e-03$ | $2.999562e-03$ |
| $\Delta_{massa}$ | $-1.834481e-02$ | $-1.835165e-02$ | $-1.835915e-02$ | $-1.835982e-02$ |

| $\mu = 0.001, p(\rho) = 1\rho$ | |
|---|---|
| | tau= 0.001 ,h= 0.01 |
| $h - h^1$ | $2.891479e-02$ |
| | $3.581518e-02$ |
| | $8.358497e-02$ |
| $h - h^2$ | $3.335960e-02$ |
| | $5.178577e-02$ |
| | $9.186983e-02$ |
| $h - h^3$ | $3.609001e-02$ |
| | $6.169430e-02$ |
| | $9.803321e-02$ |

| $\mu = 0.001, p(\rho) = 1\rho, h = 0.001, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (0.23)$ |
| $norm$ | $1.197487e+01$ | $2.616254e+02$ | $5.799148e+23$ | $nan$ |
| $\Delta_{massa}$ | $-1.732199e-02$ | $-1.126397e-01$ | $1.125642e+20$ | $-nan$ |

| $\mu = 0.001, p(\rho) = 1\rho$ | |
|---|---|
| | tau= 0.01 ,h= 0.001 |
| $h - h^1$ | $3.609431e+00$ |
| | $2.551372e-01$ |
| | $2.731516e+02$ |
| $h - h^2$ | $3.218523e+00$ |
| | $2.846185e-01$ |
| | $2.681290e+02$ |
| $h - h^3$ | $3.292363e+00$ |
| | $2.915830e-01$ |
| | $2.701604e+02$ |

| $\mu = 0.001, p(\rho) = 1\rho, h = 0.001, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (3610.021)$ |
| $norm$ | $1.704157e-02$ | $1.014496e-02$ | $5.178565e-03$ | $2.999609e-03$ |
| $\Delta_{massa}$ | $-2.210050e-02$ | $-2.212020e-02$ | $-2.212559e-02$ | $-2.212753e-02$ |

| $\mu = 0.001, p(\rho) = 1\rho$ | |
|---|---|
| | tau= 0.001 ,h= 0.001 |
| $h - h^1$ | $6.937695e-02$ |
| | $6.703404e-02$ |
| | $2.488703e+00$ |
| $h - h^2$ | $7.464156e-02$ |
| | $8.764128e-02$ |
| | $2.489018e+00$ |
| $h - h^3$ | $7.753371e-02$ |
| | $9.831842e-02$ |
| | $2.489440e+00$ |

| $\mu = 0.1, p(\rho) = 10\rho, h = 0.01, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (593.76)$ |
| $norm$ | $4.867002e-02$ | $1.810144e-02$ | $7.477700e-03$ | $2.998948e-03$ |
| $\Delta_{massa}$ | $-2.970424e-03$ | $-2.992183e-03$ | $-2.995519e-03$ | $-2.996200e-03$ |

| $\mu = 0.1, p(\rho) = 10\rho$ | |
|---|---|
| | tau= 0.01 ,h= 0.01 |
| $h - h^1$ | $3.737967e-03$ |
| | $5.669360e-03$ |
| | $8.316420e-02$ |
| $h - h^2$ | $5.558288e-03$ |
| | $8.389280e-03$ |
| | $8.343670e-02$ |
| $h - h^3$ | $6.466978e-03$ |
| | $9.746571e-03$ |
| | $8.361772e-02$ |

| $\mu = 0.1, p(\rho) = 10\rho, h = 0.01, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (596.762)$ |
| $norm$ | $3.975561e-02$ | $8.651050e-03$ | $4.801005e-03$ | $2.999910e-03$ |
| $\Delta_{massa}$ | $-2.488496e-04$ | $-2.553449e-04$ | $-2.564704e-04$ | $-2.565404e-04$ |

| $\mu = 0.1, p(\rho) = 10\rho$ | |
|---|---|
| | tau= 0.001 ,h= 0.01 |
| $h - h^1$ | $3.864145e-04$ |
| | $5.330813e-04$ |
| | $4.495568e-03$ |
| $h - h^2$ | $5.789405e-04$ |
| | $7.987596e-04$ |
| | $4.541646e-03$ |
| $h - h^3$ | $6.750737e-04$ |
| | $9.319649e-04$ |
| | $4.571391e-03$ |

| $\mu = 0.1, p(\rho) = 10\rho, h = 0.001, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (12000.0)$ |
| $norm$ | $8.389912e-03$ | $6.039161e-03$ | $4.954306e-03$ | $4.300920e-03$ |
| $\Delta_{massa}$ | $-4.492165e-03$ | $-4.492165e-03$ | $-4.492165e-03$ | $-4.492165e-03$ |

| $\mu = 0.1, p(\rho) = 10\rho$ | |
|---|---|
| | tau= 0.01 ,h= 0.001 |
| $h - h^1$ | $2.333166e-02$ |
| | $1.239994e-02$ |
| | $1.698700e+01$ |
| $h - h^2$ | $2.180712e-02$ |
| | $1.414810e-02$ |
| | $1.698702e+01$ |
| $h - h^3$ | $1.974500e-02$ |
| | $1.524705e-02$ |
| | $1.698704e+01$ |

| $\mu = 0.1, p(\rho) = 10\rho, h = 0.001, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (438.21)$ |
| $norm$ | $4.036092e-02$ | $1.887488e-02$ | $1.680153e-02$ | $2.998896e-03$ |
| $\Delta_{massa}$ | $-2.900496e-04$ | $-2.933884e-04$ | $-2.944268e-04$ | $-2.946543e-04$ |

| $\mu = 0.1, p(\rho) = 10\rho$ | |
|---|---|
| | tau= 0.001 ,h= 0.001 |
| $h - h^1$ | $6.055407e-04$ |
| | $5.649557e-04$ |
| | $2.033612e-01$ |
| $h - h^2$ | $5.423315e-04$ |
| | $8.342430e-04$ |
| | $2.033709e-01$ |
| $h - h^3$ | $6.330091e-04$ |
| | $9.705338e-04$ |
| | $2.033755e-01$ |

| $\mu = 0.01, p(\rho) = 10\rho, h = 0.01, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (0.29)$ |
| $norm$ | $2.114653e+01$ | $2.376812e+02$ | $8.311380e+14$ | $nan$ |
| $\Delta_{massa}$ | $-3.723646e-02$ | $-9.540884e-02$ | $-3.394391e+12$ | $-nan$ |

| $\mu = 0.01, p(\rho) = 10\rho$ | |
|---|---|
| | tau= 0.01 ,h= 0.01 |
| $h - h^1$ | $9.577389e-01$ |
| | $1.694578e-01$ |
| | $2.021747e+01$ |
| $h - h^2$ | $7.652358e-01$ |
| | $1.790216e-01$ |
| | $2.008688e+01$ |
| $h - h^3$ | $7.695703e-01$ |
| | $1.811182e-01$ |
| | $2.009240e+01$ |

| $\mu = 0.01, p(\rho) = 10\rho, h = 0.01, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (1577.446)$ |
| $norm$ | $1.069576e-02$ | $8.405689e-03$ | $7.585584e-03$ | $2.999356e-03$ |
| $\Delta_{massa}$ | $-2.456290e-03$ | $-2.456908e-03$ | $-2.458633e-03$ | $-2.459232e-03$ |

| $\mu = 0.01, p(\rho) = 10\rho$ | |
|---|---|
| | tau= 0.001 ,h= 0.01 |
| $h - h^1$ | $1.201349e-02$ |
| | $8.200527e-03$ |
| | $2.306872e-02$ |
| $h - h^2$ | $1.654842e-02$ |
| | $1.204669e-02$ |
| | $3.053420e-02$ |
| $h - h^3$ | $1.837793e-02$ |
| | $1.388256e-02$ |
| | $3.332919e-02$ |

| $\mu = 0.01, p(\rho) = 10\rho, h = 0.001, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (0.18)$ |
| $norm$ | $8.162376e+01$ | $6.789170e+06$ | $1.098791e+28$ | $nan$ |
| $\Delta_{massa}$ | $-3.620617e-02$ | $2.137898e+00$ | $-2.503266e+19$ | $-nan$ |

| $\mu = 0.01, p(\rho) = 10\rho$ | |
|---|---|
| | tau= 0.01 ,h= 0.001 |
| $h - h^1$ | $4.327764e+00$ |
| | $3.505873e-01$ |
| | $2.791423e+02$ |
| $h - h^2$ | $6.029750e+00$ |
| | $4.725052e-01$ |
| | $2.184513e+02$ |
| $h - h^3$ | $6.004200e+00$ |
| | $4.765510e-01$ |
| | $2.165238e+02$ |

| $\mu = 0.01, p(\rho) = 10\rho, h = 0.001, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (1045.766)$ |
| $norm$ | $1.789330e-02$ | $1.309460e-02$ | $1.048797e-02$ | $2.995719e-03$ |
| $\Delta_{massa}$ | $-2.512047e-03$ | $-2.518399e-03$ | $-2.520076e-03$ | $-2.520531e-03$ |

| $\mu = 0.01, p(\rho) = 10\rho$ | |
|---|---|
| | tau= 0.001 ,h= 0.001 |
| $h - h^1$ | $1.888013e-02$ |
| | $1.037852e-02$ |
| | $1.838912e-01$ |
| $h - h^2$ | $2.558384e-02$ |
| | $1.505292e-02$ |
| | $1.873023e-01$ |
| $h - h^3$ | $2.817219e-02$ |
| | $1.724294e-02$ |
| | $1.886551e-01$ |

| $\mu = 0.001, p(\rho) = 10\rho, h = 0.01, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (0.18)$ |
| $norm$ | $7.090618e+03$ | $2.027408e+17$ | $1.465566e+55$ | $nan$ |
| $\Delta_{massa}$ | $-5.177912e-02$ | $-6.247346e+14$ | $-3.053715e+51$ | $-nan$ |

| $\mu = 0.001, p(\rho) = 10\rho$ | |
|---|---|
| | tau= 0.01 ,h= 0.01 |
| $h - h^1$ | $1.909690e+00$ |
| | $2.885732e-01$ |
| | $4.131650e+01$ |
| $h - h^2$ | $3.999869e+00$ |
| | $6.605834e-01$ |
| | $8.341444e+01$ |
| $h - h^3$ | $2.635471e+00$ |
| | $3.671378e-01$ |
| | $4.021131e+01$ |

| $\mu = 0.001, p(\rho) = 10\rho, h = 0.01, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (3111.878)$ |
| $norm$ | $1.513513e-02$ | $6.666290e-03$ | $4.151094e-03$ | $2.999496e-03$ |
| $\Delta_{massa}$ | $-2.034701e-02$ | $-2.038516e-02$ | $-2.039229e-02$ | $-2.039477e-02$ |

| $\mu = 0.001, p(\rho) = 10\rho$ | |
|---|---|
| | tau= 0.001 ,h= 0.01 |
| $h - h^1$ | $3.836405e-02$ |
| | $3.564481e-02$ |
| | $8.081182e-02$ |
| $h - h^2$ | $3.742961e-02$ |
| | $5.325555e-02$ |
| | $8.493130e-02$ |
| $h - h^3$ | $3.827886e-02$ |
| | $6.009488e-02$ |
| | $8.853184e-02$ |

| $\mu = 0.001, p(\rho) = 10\rho, h = 0.001, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (0.13)$ |
| $norm$ | $5.679959e+04$ | $1.308046e+16$ | $1.793979e+50$ | $nan$ |
| $\Delta_{massa}$ | $6.751371e-01$ | $1.249425e+07$ | $-1.413758e+39$ | $-nan$ |

| $\mu = 0.001, p(\rho) = 10\rho$ | |
|---|---|
| | tau= 0.01 ,h= 0.001 |
| $h - h^1$ | $4.759417e+01$ |
| | $2.700062e+00$ |
| | $1.501089e+03$ |
| $h - h^2$ | $3.675324e+02$ |
| | $3.027713e+01$ |
| | $1.196882e+04$ |
| $h - h^3$ | $3.089753e+01$ |
| | $2.198902e+00$ |
| | $1.606744e+03$ |

| $\mu = 0.001, p(\rho) = 10\rho, h = 0.001, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (0.031)$ |
| $norm$ | $2.114653e+01$ | $1.027970e+04$ | $8.277089e+29$ | $nan$ |
| $\Delta_{massa}$ | $-3.726997e-03$ | $-9.491051e-03$ | $3.070514e+26$ | $-nan$ |

| $\mu = 0.001, p(\rho) = 10\rho$ | |
|---|---|
| | tau= 0.001 ,h= 0.001 |
| $h - h^1$ | $1.129473e+00$ |
| | $7.291240e-02$ |
| | $7.367909e+01$ |
| $h - h^2$ | $1.090010e+00$ |
| | $8.017015e-02$ |
| | $6.879130e+01$ |
| $h - h^3$ | $1.093042e+00$ |
| | $8.049698e-02$ |
| | $6.867936e+01$ |

| $\mu = 0.1, p(\rho) = 100\rho, h = 0.01, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (0.49)$ |
| $norm$ | $1.821167e+01$ | $1.427854e+01$ | $1.641641e+03$ | $nan$ |
| $\Delta_{massa}$ | $-1.881057e-01$ | $-2.651473e-01$ | $-5.694767e-01$ | $-nan$ |

| $\mu = 0.1, p(\rho) = 100\rho$ | |
|---|---|
| | tau= 0.01 ,h= 0.01 |
| $h - h^1$ | $2.361973e+00$ |
| | $7.109018e-01$ |
| | $5.517309e+01$ |
| $h - h^2$ | $2.506873e+00$ |
| | $8.877255e-01$ |
| | $5.115357e+01$ |
| $h - h^3$ | $2.505404e+00$ |
| | $8.936947e-01$ |
| | $5.122122e+01$ |

| $\mu = 0.1, p(\rho) = 100\rho, h = 0.01, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (416.583)$ |
| $norm$ | $6.413318e-02$ | $2.158382e-02$ | $5.502423e-03$ | $2.998807e-03$ |
| $\Delta_{massa}$ | $-2.472916e-04$ | $-2.536136e-04$ | $-2.551573e-04$ | $-2.555867e-04$ |

| $\mu = 0.1, p(\rho) = 100\rho$ | |
|---|---|
| | tau= 0.001 ,h= 0.01 |
| $h - h^1$ | $3.050130e-04$ |
| | $4.493134e-04$ |
| | $5.943127e-04$ |
| $h - h^2$ | $4.513209e-04$ |
| | $6.710775e-04$ |
| | $8.115232e-04$ |
| $h - h^3$ | $5.229668e-04$ |
| | $7.812033e-04$ |
| | $9.238038e-04$ |

| $\mu = 0.1, p(\rho) = 100\rho, h = 0.001, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (0.22)$ |
| $norm$ | $6.505952e+01$ | $3.777685e+03$ | $2.945554e+17$ | $nan$ |
| $\Delta_{massa}$ | $-1.355021e-01$ | $-5.365392e+00$ | $-7.535345e+11$ | $-nan$ |

| $\mu = 0.1, p(\rho) = 100\rho$ | |
|---|---|
| | tau= 0.01 ,h= 0.001 |
| $h - h^1$ | $9.585192e+00$ |
| | $8.155767e-01$ |
| | $3.005499e+02$ |
| $h - h^2$ | $3.674566e+00$ |
| | $8.060102e-01$ |
| | $2.293178e+02$ |
| $h - h^3$ | $3.655253e+00$ |
| | $8.170738e-01$ |
| | $2.270569e+02$ |

| $\mu = 0.1, p(\rho) = 100\rho, h = 0.001, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (299.509)$ |
| $norm$ | $9.055016e-02$ | $3.483555e-02$ | $1.388625e-02$ | $2.996868e-03$ |
| $\Delta_{massa}$ | $-3.034826e-04$ | $-3.108237e-04$ | $-3.124355e-04$ | $-3.130146e-04$ |

| $\mu = 0.1, p(\rho) = 100\rho$ | |
|---|---|
| | tau= 0.001 ,h= 0.001 |
| $h - h^1$ | $3.510323e-04$ |
| | $6.028069e-04$ |
| | $1.634220e-01$ |
| $h - h^2$ | $5.200634e-04$ |
| | $8.783861e-04$ |
| | $1.634230e-01$ |
| $h - h^3$ | $6.037077e-04$ |
| | $1.014207e-03$ |
| | $1.634255e-01$ |

| $\mu = 0.01, p(\rho) = 100\rho, h = 0.01, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (0.15)$ |
| $norm$ | $1.516105e+03$ | $1.898888e+11$ | $3.565296e+41$ | $nan$ |
| $\Delta_{massa}$ | $-2.711284e-01$ | $1.533258e+07$ | $-1.242802e+39$ | $-nan$ |

| $\mu = 0.01, p(\rho) = 100\rho$ | |
|---|---|
| | tau= 0.01 ,h= 0.01 |
| $h - h^1$ | $7.329325e+00$ |
| | $1.010028e+00$ |
| | $1.165289e+02$ |
| $h - h^2$ | $4.272756e+03$ |
| | $4.608708e+02$ |
| | $5.890279e+04$ |
| $h - h^3$ | $7.185811e+00$ |
| | $1.018168e+00$ |
| | $9.126650e+01$ |

| $\mu = 0.01, p(\rho) = 100\rho, h = 0.01, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (1492.911)$ |
| $norm$ | $2.975033e-02$ | $1.912081e-02$ | $8.641108e-03$ | $2.998468e-03$ |
| $\Delta_{massa}$ | $-2.640325e-03$ | $-2.647241e-03$ | $-2.649774e-03$ | $-2.650962e-03$ |

| $\mu = 0.01, p(\rho) = 100\rho$ | |
|---|---|
| | tau= 0.001 ,h= 0.01 |
| $h - h^1$ | $8.178285e-03$ |
| | $7.671919e-03$ |
| | $1.458103e-02$ |
| $h - h^2$ | $8.869416e-03$ |
| | $1.027256e-02$ |
| | $1.619646e-02$ |
| $h - h^3$ | $9.106382e-03$ |
| | $1.144787e-02$ |
| | $1.697637e-02$ |

| $\mu = 0.01, p(\rho) = 100\rho, h = 0.001, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (0.13)$ |
| $norm$ | $1.339777e+05$ | $9.223399e+15$ | $5.654781e+40$ | $nan$ |
| $\Delta_{massa}$ | $-4.246494e+00$ | $1.601637e+09$ | $-2.408463e+38$ | $-nan$ |

| $\mu = 0.01, p(\rho) = 100\rho$ | |
|---|---|
| | tau= 0.01 ,h= 0.001 |
| $h - h^1$ | $4.440914e+01$ |
| | $6.963613e+00$ |
| | $9.388423e+02$ |
| $h - h^2$ | $6.489285e+01$ |
| | $1.016028e+01$ |
| | $2.006788e+03$ |
| $h - h^3$ | $5.480225e+03$ |
| | $5.066449e+02$ |
| | $2.014433e+05$ |

| $\mu = 0.01, p(\rho) = 100\rho, h = 0.001, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (0.05)$ |
| $norm$ | $1.635761e+01$ | $2.225922e+01$ | $1.539349e+03$ | $nan$ |
| $\Delta_{massa}$ | $-2.130163e-02$ | $-4.179178e-02$ | $-8.152080e-02$ | $-nan$ |

| $\mu = 0.01, p(\rho) = 100\rho$ | |
|---|---|
| | tau= 0.001 ,h= 0.001 |
| $h - h^1$ | $2.222861e+00$ |
| | $2.629765e-01$ |
| | $2.646125e+02$ |
| $h - h^2$ | $2.493522e+00$ |
| | $3.255472e-01$ |
| | $2.597705e+02$ |
| $h - h^3$ | $2.492273e+00$ |
| | $3.272841e-01$ |
| | $2.586970e+02$ |

| $\mu = 0.001, p(\rho) = 100\rho, h = 0.01, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (0.16)$ |
| $norm$ | $2.531552e+05$ | $1.729536e+18$ | $1.339927e+64$ | $nan$ |
| $\Delta_{massa}$ | $1.767423e-01$ | $5.855947e+14$ | $2.946313e+60$ | $-nan$ |

| $\mu = 0.001, p(\rho) = 100\rho$ | |
|---|---|
| | tau= 0.01 ,h= 0.01 |
| $h - h^1$ | $6.071777e+00$ |
| | $1.036403e+00$ |
| | $8.285604e+01$ |
| $h - h^2$ | $3.255389e+02$ |
| | $3.302136e+01$ |
| | $4.530677e+03$ |
| $h - h^3$ | $2.099244e+14$ |
| | $2.105903e+13$ |
| | $2.954975e+15$ |

| $\mu = 0.001, p(\rho) = 100\rho, h = 0.01, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (0.16)$ |
| $norm$ | $1.017441e+00$ | $9.159054e-01$ | $2.660307e+00$ | $nan$ |
| $\Delta_{massa}$ | $-1.577254e-04$ | $-8.152739e-04$ | $-4.341561e-03$ | $-nan$ |

| $\mu = 0.001, p(\rho) = 100\rho$ | |
|---|---|
| | tau= 0.001 ,h= 0.01 |
| $h - h^1$ | $4.148880e-02$ |
| | $1.075825e-02$ |
| | $1.540234e+00$ |
| $h - h^2$ | $3.103599e-02$ |
| | $9.959213e-03$ |
| | $1.267312e+00$ |
| $h - h^3$ | $3.636007e-02$ |
| | $1.016260e-02$ |
| | $1.267381e+00$ |

| $\mu = 0.001, p(\rho) = 100\rho, h = 0.001, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (0.12)$ |
| $norm$ | $4.154406e+06$ | $1.204367e+21$ | $2.525589e+64$ | $nan$ |
| $\Delta_{massa}$ | $2.730868e-01$ | $3.643326e+16$ | $-8.374480e+55$ | $-nan$ |

| $\mu = 0.001, p(\rho) = 100\rho$ | |
|---|---|
| | tau= 0.01 ,h= 0.001 |
| $h - h^1$ | $1.305649e + 03$ |
| | $6.468883e + 01$ |
| | $3.435919e + 04$ |
| $h - h^2$ | $1.573818e + 06$ |
| | $1.046966e + 05$ |
| | $3.433626e + 07$ |
| $h - h^3$ | $5.315569e + 19$ |
| | $4.738709e + 18$ |
| | $3.394391e + 21$ |

| $\mu = 0.001, p(\rho) = 100\rho, h = 0.001, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (0.017)$ |
| $norm$ | $2.245712e + 05$ | $1.564897e + 16$ | $3.174009e + 53$ | $nan$ |
| $\Delta_{massa}$ | $-4.973125e - 02$ | $-8.333150e + 12$ | $-1.407802e + 50$ | $-nan$ |

| $\mu = 0.001, p(\rho) = 100\rho$ | |
|---|---|
| | tau= 0.001 ,h= 0.001 |
| $h - h^1$ | $7.329325e + 00$ |
| | $3.193989e - 01$ |
| | $3.684830e + 02$ |
| $h - h^2$ | $4.272756e + 03$ |
| | $1.457401e + 02$ |
| | $1.862613e + 05$ |
| $h - h^3$ | $7.185811e + 00$ |
| | $3.219730e - 01$ |
| | $2.885922e + 02$ |

Данные 25, плотность, степенная зависимость

| $\mu = 0.1, p(\rho) = \rho^{1.4}, h = 0.01, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (624.3)$ |
| $norm$ | $2.998217e - 02$ | $1.549423e - 02$ | $7.836223e - 03$ | $2.996490e - 03$ |
| $\Delta_{massa}$ | $-2.894451e - 03$ | $-2.910609e - 03$ | $-2.912260e - 03$ | $-2.913002e - 03$ |

| $\mu = 0.1, p(\rho) = \rho^{1,4}$ | |
|---|---|
| | tau= 0.01 ,h= 0.01 |
| $h - h^1$ | $8.070929e - 03$ |
| | $6.688472e - 03$ |
| | $5.293876e - 01$ |
| $h - h^2$ | $6.934375e - 03$ |
| | $9.285800e - 03$ |
| | $5.295367e - 01$ |
| $h - h^3$ | $8.127101e - 03$ |
| | $1.070727e - 02$ |
| | $5.295289e - 01$ |

| $\mu = 0.1, p(\rho) = \rho^{1.4}, h = 0.01, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (625.827)$ |
| $norm$ | $2.812249e - 02$ | $1.489850e - 02$ | $7.357532e - 03$ | $2.999837e - 03$ |
| $\Delta_{massa}$ | $-2.680372e - 04$ | $-2.655706e - 04$ | $-2.670171e - 04$ | $-2.668034e - 04$ |

| $\mu = 0.1, p(\rho) = \rho^{1,4}$ | |
|---|---|
| | tau= 0.001 ,h= 0.01 |
| $h - h^1$ | $9.091587e-04$ |
| | $5.795505e-04$ |
| | $5.009672e-02$ |
| $h - h^2$ | $8.620653e-04$ |
| | $7.857459e-04$ |
| | $5.012540e-02$ |
| $h - h^3$ | $7.995977e-04$ |
| | $8.969821e-04$ |
| | $5.016078e-02$ |

| $\mu = 0.1, p(\rho) = \rho^{1.4}, h = 0.001, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (0.01)$ |
| $norm$ | $3.409220e+00$ | $3.409220e+00$ | $3.409220e+00$ | $nan$ |
| $\Delta_{massa}$ | $-1.385206e-03$ | $-1.385206e-03$ | $-1.385206e-03$ | $-nan$ |

| $\mu = 0.1, p(\rho) = \rho^{1,4}$ | |
|---|---|
| | tau= 0.01 ,h= 0.001 |
| $h - h^1$ | $3.407635e+00$ |
| | $1.345855e-01$ |
| | $1.859411e+02$ |
| $h - h^2$ | $3.407635e+00$ |
| | $1.439210e-01$ |
| | $1.860512e+02$ |
| $h - h^3$ | $3.407635e+00$ |
| | $1.515141e-01$ |
| | $1.864574e+02$ |

| $\mu = 0.1, p(\rho) = \rho^{1.4}, h = 0.001, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (554.918)$ |
| $norm$ | $3.305542e-02$ | $1.790761e-02$ | $7.159542e-03$ | $2.999554e-03$ |
| $\Delta_{massa}$ | $-3.008607e-04$ | $-3.031937e-04$ | $-3.032893e-04$ | $-3.034446e-04$ |

| $\mu = 0.1, p(\rho) = \rho^{1,4}$ | |
|---|---|
| | tau= 0.001 ,h= 0.001 |
| $h - h^1$ | $5.388211e-03$ |
| | $1.106550e-03$ |
| | $1.608872e+00$ |
| $h - h^2$ | $4.358616e-03$ |
| | $1.262690e-03$ |
| | $1.608842e+00$ |
| $h - h^3$ | $3.627817e-03$ |
| | $1.374420e-03$ |
| | $1.608825e+00$ |

| $\mu = 0.01, p(\rho) = \rho^{1.4}, h = 0.01, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (2378.79)$ |
| $norm$ | $1.271640e-02$ | $6.302564e-03$ | $4.097806e-03$ | $2.998631e-03$ |
| $\Delta_{massa}$ | $-2.250008e-02$ | $-2.252391e-02$ | $-2.252857e-02$ | $-2.252974e-02$ |

| $\mu = 0.01, p(\rho) = \rho^{1,4}$ | |
|---|---|
| | tau= 0.01 ,h= 0.01 |
| $h - h^1$ | $6.970505e-02$ |
| | $6.529053e-02$ |
| | $8.868318e-02$ |
| $h - h^2$ | $7.765630e-02$ |
| | $9.530883e-02$ |
| | $1.213779e-01$ |
| $h - h^3$ | $7.937044e-02$ |
| | $1.057311e-01$ |
| | $1.255659e-01$ |

| $\mu = 0.01, p(\rho) = \rho^{1.4}, h = 0.01, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (2253.399)$ |
| $norm$ | $1.346128e-02$ | $6.656399e-03$ | $6.116539e-03$ | $2.999672e-03$ |
| $\Delta_{massa}$ | $-2.576410e-03$ | $-2.573796e-03$ | $-2.572480e-03$ | $-2.574684e-03$ |

| $\mu = 0.01, p(\rho) = \rho^{1,4}$ | |
|---|---|
| | tau= 0.001 ,h= 0.01 |
| $h - h^1$ | $1.116737e-02$ |
| | $8.405799e-03$ |
| | $2.874337e-02$ |
| $h - h^2$ | $1.644330e-02$ |
| | $1.266155e-02$ |
| | $3.546773e-02$ |
| $h - h^3$ | $1.891122e-02$ |
| | $1.477518e-02$ |
| | $3.878311e-02$ |

| $\mu = 0.01, p(\rho) = \rho^{1.4}, h = 0.001, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (0.01)$ |
| $norm$ | $3.409220e+00$ | $3.409220e+00$ | $3.409220e+00$ | $nan$ |
| $\Delta_{massa}$ | $-1.385206e-03$ | $-1.385206e-03$ | $-1.385206e-03$ | $-nan$ |

| $\mu = 0.01, p(\rho) = \rho^{1,4}$ | |
|---|---|
| | tau= 0.01 ,h= 0.001 |
| $h - h^1$ | $3.407635e+00$ |
| | $1.345855e-01$ |
| | $1.859411e+02$ |
| $h - h^2$ | $3.407635e+00$ |
| | $1.439210e-01$ |
| | $1.860512e+02$ |
| $h - h^3$ | $3.407635e+00$ |
| | $1.515141e-01$ |
| | $1.864574e+02$ |

| $\mu = 0.01, p(\rho) = \rho^{1.4}, h = 0.001, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (1989.025)$ |
| $norm$ | $1.611984e-02$ | $8.669671e-03$ | $4.731775e-03$ | $2.999386e-03$ |
| $\Delta_{massa}$ | $-2.607465e-03$ | $-2.609347e-03$ | $-2.609763e-03$ | $-2.609847e-03$ |

| $\mu = 0.01, p(\rho) = \rho^{1,4}$ | |
|---|---|
| | tau= 0.001 ,h= 0.001 |
| $h - h^1$ | $1.316210e-02$ |
| | $9.578140e-03$ |
| | $4.867636e+00$ |
| $h - h^2$ | $1.913597e-02$ |
| | $1.399730e-02$ |
| | $4.867698e+00$ |

| $\mu = 0.001, p(\rho) = \rho^{1.4}, h = 0.01, \tau = 0.0001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (3756.8286)$ |
| $norm$ | $9.356509e-03$ | $5.124079e-03$ | $3.691411e-03$ | $2.999959e-03$ |
| $\Delta_{massa}$ | $-2.468180e-03$ | $-2.470134e-03$ | $-2.470573e-03$ | $-2.470738e-03$ |

| $\mu = 0.001, p(\rho) = \rho^{1,4}$ | |
|---|---|
| | tau= 0.0001 ,h= 0.01 |
| $h - h^1$ | $1.995535e-02$ |
| | $9.129446e-03$ |
| | $9.638065e-02$ |
| $h - h^2$ | $2.114815e-02$ |
| | $1.131954e-02$ |
| | $9.736638e-02$ |
| $h - h^3$ | $2.171822e-02$ |
| | $1.248057e-02$ |
| | $9.770504e-02$ |

| $\mu = 0.1, p(\rho) = \rho^{1.4}, h = 0.01, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (624.3)$ |
| $norm$ | $2.998217e-02$ | $1.549423e-02$ | $7.836223e-03$ | $2.996490e-03$ |
| $\Delta_{massa}$ | $-2.894451e-03$ | $-2.910609e-03$ | $-2.912260e-03$ | $-2.913002e-03$ |

| $\mu = 0.1, p(\rho) = \rho^{1,4}$ | |
|---|---|
| | tau= 0.01 ,h= 0.01 |
| $h - h^1$ | $8.070929e-03$ |
| | $6.688472e-03$ |
| | $5.293876e-01$ |
| $h - h^2$ | $6.934375e-03$ |
| | $9.285800e-03$ |
| | $5.295367e-01$ |
| $h - h^3$ | $8.127101e-03$ |
| | $1.070727e-02$ |
| | $5.295289e-01$ |

| $\mu = 0.1, p(\rho) = \rho^{1.4}, h = 0.01, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (625.827)$ |
| $norm$ | $2.812249e-02$ | $1.489850e-02$ | $7.357532e-03$ | $2.999837e-03$ |
| $\Delta_{massa}$ | $-2.680372e-04$ | $-2.655706e-04$ | $-2.670171e-04$ | $-2.668034e-04$ |

| $\mu = 0.1, p(\rho) = \rho^{1,4}$ | |
|---|---|
| | tau= 0.001 ,h= 0.01 |
| $h - h^1$ | $9.091587e-04$ |
| | $5.795505e-04$ |
| | $5.009672e-02$ |
| $h - h^2$ | $8.620653e-04$ |
| | $7.857459e-04$ |
| | $5.012540e-02$ |
| $h - h^3$ | $7.995977e-04$ |
| | $8.969821e-04$ |
| | $5.016078e-02$ |

| $\mu = 0.1, p(\rho) = \rho^{1.4}, h = 0.001, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (0.01)$ |
| $norm$ | $3.409220e+00$ | $3.409220e+00$ | $3.409220e+00$ | $nan$ |
| $\Delta_{massa}$ | $-1.385206e-03$ | $-1.385206e-03$ | $-1.385206e-03$ | $-nan$ |

| $\mu = 0.1, p(\rho) = \rho^{1,4}$ | |
|---|---|
| | tau= 0.01 ,h= 0.001 |
| $h - h^1$ | $3.407635e+00$ |
| | $1.345855e-01$ |
| | $1.859411e+02$ |
| $h - h^2$ | $3.407635e+00$ |
| | $1.439210e-01$ |
| | $1.860512e+02$ |
| $h - h^3$ | $3.407635e+00$ |
| | $1.515141e-01$ |
| | $1.864574e+02$ |

| $\mu = 0.1, p(\rho) = \rho^{1.4}, h = 0.001, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (554.918)$ |
| $norm$ | $3.305542e-02$ | $1.790761e-02$ | $7.159542e-03$ | $2.999554e-03$ |
| $\Delta_{massa}$ | $-3.008607e-04$ | $-3.031937e-04$ | $-3.032893e-04$ | $-3.034446e-04$ |

| $\mu = 0.1, p(\rho) = \rho^{1,4}$ | |
|---|---|
| | tau= 0.001 ,h= 0.001 |
| $h - h^1$ | $5.388211e-03$ |
| | $1.106550e-03$ |
| | $1.608872e+00$ |
| $h - h^2$ | $4.358616e-03$ |
| | $1.262690e-03$ |
| | $1.608842e+00$ |
| $h - h^3$ | $3.627817e-03$ |
| | $1.374420e-03$ |
| | $1.608825e+00$ |

| $\mu = 0.01, p(\rho) = \rho^{1.4}, h = 0.01, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (2378.79)$ |
| $norm$ | $1.271640e-02$ | $6.302564e-03$ | $4.097806e-03$ | $2.998631e-03$ |
| $\Delta_{massa}$ | $-2.250008e-02$ | $-2.252391e-02$ | $-2.252857e-02$ | $-2.252974e-02$ |

| $\mu = 0.01, p(\rho) = \rho^{1,4}$ | |
|---|---|
| | tau= 0.01 ,h= 0.01 |
| $h - h^1$ | $6.970505e-02$ |
| | $6.529053e-02$ |
| | $8.868318e-02$ |
| $h - h^2$ | $7.765630e-02$ |
| | $9.530883e-02$ |
| | $1.213779e-01$ |
| $h - h^3$ | $7.937044e-02$ |
| | $1.057311e-01$ |
| | $1.255659e-01$ |

| $\mu = 0.01, p(\rho) = \rho^{1.4}, h = 0.01, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (2253.399)$ |
| $norm$ | $1.346128e-02$ | $6.656399e-03$ | $6.116539e-03$ | $2.999672e-03$ |
| $\Delta_{massa}$ | $-2.576410e-03$ | $-2.573796e-03$ | $-2.572480e-03$ | $-2.574684e-03$ |

| $\mu = 0.01, p(\rho) = \rho^{1,4}$ | |
|---|---|
| | tau= 0.001 ,h= 0.01 |
| $h - h^1$ | $1.116737e-02$ |
| | $8.405799e-03$ |
| | $2.874337e-02$ |
| $h - h^2$ | $1.644330e-02$ |
| | $1.266155e-02$ |
| | $3.546773e-02$ |
| $h - h^3$ | $1.891122e-02$ |
| | $1.477518e-02$ |
| | $3.878311e-02$ |

| $\mu = 0.01, p(\rho) = \rho^{1.4}, h = 0.001, \tau = 0.01$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (0.01)$ |
| $norm$ | $3.409220e+00$ | $3.409220e+00$ | $3.409220e+00$ | $nan$ |
| $\Delta_{massa}$ | $-1.385206e-03$ | $-1.385206e-03$ | $-1.385206e-03$ | $-nan$ |

| $\mu = 0.01, p(\rho) = \rho^{1,4}$ | |
|---|---|
| | tau= 0.01 ,h= 0.001 |
| $h - h^1$ | $3.407635e+00$ |
| | $1.345855e-01$ |
| | $1.859411e+02$ |
| $h - h^2$ | $3.407635e+00$ |
| | $1.439210e-01$ |
| | $1.860512e+02$ |
| $h - h^3$ | $3.407635e+00$ |
| | $1.515141e-01$ |
| | $1.864574e+02$ |

| $\mu = 0.01, p(\rho) = \rho^{1.4}, h = 0.001, \tau = 0.001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (1989.025)$ |
| $norm$ | $1.611984e-02$ | $8.669671e-03$ | $4.731775e-03$ | $2.999386e-03$ |
| $\Delta_{massa}$ | $-2.607465e-03$ | $-2.609347e-03$ | $-2.609763e-03$ | $-2.609847e-03$ |

| $\mu = 0.01, p(\rho) = \rho^{1,4}$ | |
|---|---|
| | tau= 0.001 ,h= 0.001 |
| $h - h^1$ | $1.316210e-02$ |
| | $9.578140e-03$ |
| | $4.867636e+00$ |
| $h - h^2$ | $1.913597e-02$ |
| | $1.399730e-02$ |
| | $4.867698e+00$ |

| $\mu = 0.001, p(\rho) = \rho^{1.4}, h = 0.01, \tau = 0.0001$ | | | | |
|---|---|---|---|---|
| | $n_{st}/4$ | $n_{st}/2$ | $3n_{st}/4$ | $n_{st}, (3756.8286)$ |
| $norm$ | $9.356509e-03$ | $5.124079e-03$ | $3.691411e-03$ | $2.999959e-03$ |
| $\Delta_{massa}$ | $-2.468180e-03$ | $-2.470134e-03$ | $-2.470573e-03$ | $-2.470738e-03$ |

| $\mu = 0.001, p(\rho) = \rho^{1,4}$ | |
|---|---|
| | tau= 0.0001 ,h= 0.01 |
| $h - h^1$ | $1.995535e-02$ |
| | $9.129446e-03$ |
| | $9.638065e-02$ |
| $h - h^2$ | $2.114815e-02$ |
| | $1.131954e-02$ |
| | $9.736638e-02$ |
| $h - h^3$ | $2.171822e-02$ |
| | $1.248057e-02$ |
| | $9.770504e-02$ |

**Картинки**

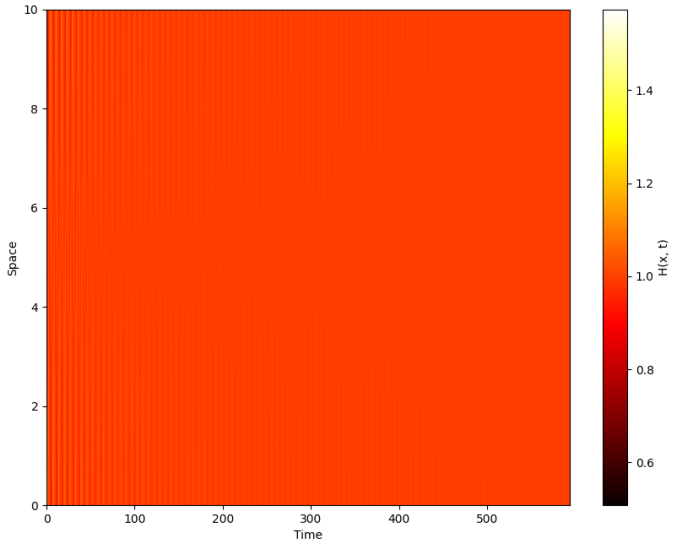


Figure 13: $\mu = 0.1, p(\rho) = 10\rho, h = 0.01, \tau = 0.01$, Плотность

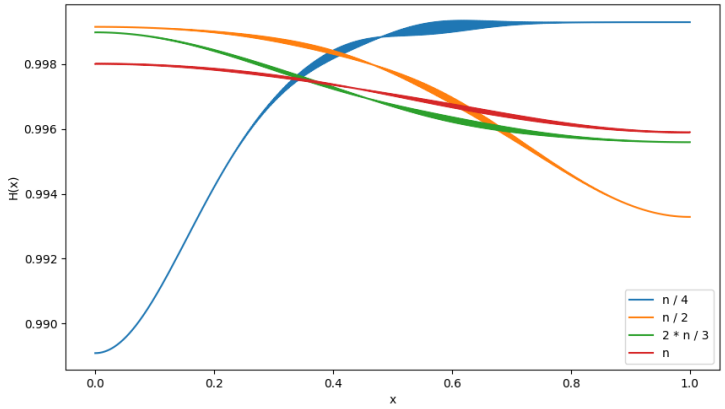


Figure 14: $\mu = 0.1, p(\rho) = 10\rho, h = 0.01, \tau = 0.01$, Плотность

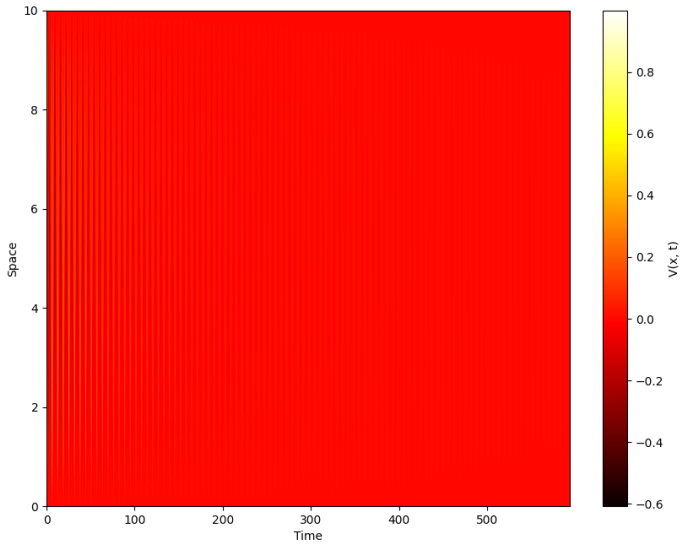


Figure 15: $\mu = 0.1, p(\rho) = 10\rho, h = 0.01, \tau = 0.01$, Скорость

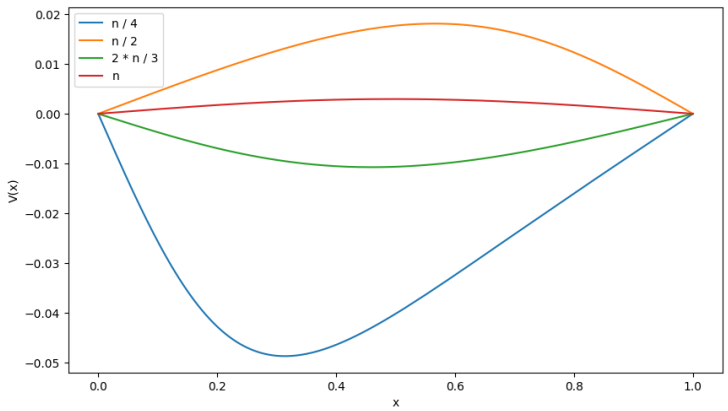


Figure 16: $\mu = 0.1, p(\rho) = 10\rho, h = 0.01, \tau = 0.01$, Скорость