

Summary of results to date of Metrical Method, papers 145-148.

Type of metric.	Phenomenon or Effect.	Rotation of metrics and instruments.
$ds^2 = n(r)c^2 dt^2 - m(r) dr^2 - r^2 d\varphi^2 - dz^2.$	ECE Orbital Theorem, UFT 111.	$d\varphi' = d\varphi \mp \Omega dt$
$n(r) = m(r) = 1,$ Minkowski .	Sagnac Effect, static platform, UFT 145.	Thomas precession, Sagnac effect rotating platform, optical fibre gyro, UFT145.
$n(r) = 1 - \frac{r_0}{r} = m(r)^{-1},$ gravitational metric .	Gravitational effects, UFT 145.	Geodetic or de Sitter precession, accurate gravimeter, altimeter, speedometer and interferometer, UFT 145.
$n(r) = m(r) = 1,$ Minkowski .	Simple derivation of the Sagnac effect, UFT 146.	Sagnac effect rotating platform, gravitomagnetic field development of relativity from metric Thomas precession, UFT 146.
$n(r) = m(r) = 1,$ Minkowski .	Electron Sagnac effect, Tomita Chiao Effect, UFT 147.	Electron Sagnac effect with rotating platform rotated. Tomita Chiao effect, high accuracy, compact, fibre optic gyro.
$n(r) = m(r) = 1,$ Minkowski .	All known orbits, reduction of gravitational metric to Minkowski metric.	To be developed to give additional global precessional effects in astronomy.