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AMENDMENT 1
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Moped and moped-rider kinematics — Vocabulary

AMENDMENT 1

Cinématique relative au cyclomoteur et à son conducteur — Vocabulaire

AMENDEMENT 1

Reference number
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Foreword

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Amendment 1 to ISO 14722:1998 was prepared by Technical Committee ISO/TC 22, *Road vehicles*, Subcommittee SC 23, *Mopeds*.

Moped and moped-rider kinematics — Vocabulary

AMENDMENT 1

Page 2, 3.2.1

Replace 3.2.1 with the following:

3.2.1
steering velocity
$\dot{\delta}$
angular velocity of the sprung part of the steering assembly about the z'_{f}-axis

Page 6, 5.2.7

Replace 5.2.7 with the following:

5.2.7
braking force
negative **tyre longitudinal force** (5.2.3) caused by the application of braking torque in the x_{t}-direction

Page 6, 5.2.8

Replace 5.2.8 with the following:

5.2.8
conicity force
tyre lateral force (5.2.2) which does not change sign [with respect to the **horizontal tyre axis system** (6.2.2)] with a change in direction of rotation when the **tyre slip angle** (5.1.5) and the **camber angle** (5.1.4) are zero

Page 6, 5.2.9

Replace 5.2.9 with the following:

5.2.9
plysteer force
tyre lateral force (5.2.2) which changes sign [with respect to the **horizontal tyre axis system** (6.2.2)] with a change in direction of rotation when the **tyre slip angle** (5.1.5) and the **camber angle** (5.1.4) are zero

Page 12, 6.7.6

Replace 6.7.6 with the following:

6.7.6
resultant roll angles
angles formed by the planes through either the x_{go} or x_{gg} or x_{ge}-axis and the moped-rider combination's centre of gravity and the z-axis; these are called respectively conventional ($\Phi_{go,res}$), geometrical ($\Phi_{gg,res}$) and effective ($\Phi_{ge,res}$) resultant roll angle

Page 13, 6.7.9.7

Replace 6.7.9.7 with the following:

6.7.9.7
roll velocity
bank velocity
$\dot{\Phi}$
angular velocity about the x'-axis

Page 13, 6.7.9.7.1

Replace 6.7.9.7.1 with the following:

6.7.9.7.1
conventional roll velocity
$\dot{\Phi}_{go}$
angular velocity about the x_{go}-axis

Page 13, 6.7.9.7.2

Replace 6.7.9.7.2 with the following:

6.7.9.7.2
geometrical roll velocity
$\dot{\Phi}_{gg}$
angular velocity about the x_{gg}-axis

Page 14, 6.7.9.7.3

Replace 6.7.9.7.3 with the following:

6.7.9.7.3
effective roll velocity
$\dot{\Phi}_{ge}$
angular velocity about the x_{ge}-axis