

PhysRevD.62.044034 equation (10)

```
1  from shared import *
2  import cdblib
3
4  jsonfile = 'bssn-eqtns-10.json'
5  cdblib.create (jsonfile)
6
7  # -----
8
9  DphiDt := \partial_{t}\{\phi\}.           # cdb(eq10.00,DphiDt)
10 DphiDt := -(1/6) N trK.                 # cdb(eq10.01,DphiDt)
11
12 canonicalise (DphiDt)                   # cdb(eq10.02,DphiDt) # no change
13                                           # cdb(eq10.99,DphiDt) # no change
14
15 cdblib.put ('DphiDt',DphiDt,jsonfile)
```

$$\partial_t \phi = -\frac{1}{6} N \text{tr} K \quad (\text{eq10.02})$$