```
(C_u\Omega_n/\mathrm{rad}^2)
       Magnetic pole
                                                                                    10.8862230 \text{Wb}/\Omega_2
                                        (C_u \Omega_n = \sqrt{J_u s_u \Omega_n})
       Magnetic flux
                                                                                   0.86629810 \text{Wb}
                                                                            =
                                        (A_u \operatorname{rad}^2)
   Magnetic potential
                                                                                   5.8921580 \text{mA}\Omega_{2}
                                        (O_u \operatorname{rad}^2)
Magnetic field strength
                                                                                   21.6541550 \text{mA}\Omega_2/\text{m}
                                                                            =
 Magnetic flux density
                                        (G_u\Omega_n
                                                                                   11.7004098T
                                        (\mathbf{s}_u \Omega_n)
         Inductance
                                                                                   11.6999260H
Magnetic permeability
                                        (\Omega_n/\mathrm{rad}^2c_0)
                                                                                    \mu_0
                                        (C_u \operatorname{rad}^2)
        Electric flux
                                                                                    2.2995179 \text{mC}\Omega_{2}
                                        (\mathbf{A}_u \Omega_n = \sqrt{\mathbf{J}_u \mathbf{s}_u^{-1} \Omega_n})
                                                                                   2.2197545V
   Electrical potential
 Electric field strength
                                        (O_u\Omega_n
                                                                            =
                                                                                   8.1577766 V/m
                                        (G_u \operatorname{rad}^2)
                                                                                   31.0577870 mC\Omega_2/m^2
  Electric flux density
                                                                            =
 Electrical capacitance
                                        (\mathbf{s}_u/\Omega_n
                                                                                   13.0179233 \text{mF}
                                        (\mathrm{rad}^2/\Omega_n c_0)
        Permittivity
                                                                                    \epsilon_0
```

Because a natural unit is used as the unit of impedance, the unit of electrical quantity(charge) is derived from units that are already defined. Looking at the formula for the force between electrical quantities in Appendix B, "A method of organizing the dimensions of electromagnetic quantities", we have

$$\frac{\text{energy}}{\text{length}} = \text{impedance} \frac{\text{length}}{\text{time}} \frac{\text{charge}^2}{\text{length}^2}$$
 (23)

Solving this equation for charge, the dimension of electrical quantity (charge) is

$$charge = \sqrt{\frac{energy \times time}{impedance}}$$
 (24)

The constant of proportionality of Coulomb's law is represented by the product of the natural units of impedance and the speed of light in a vacuum, which is a feature of the set of formulas that are employed in the Universal System of Units Standard (see Appendix B, "A method of organizing the dimensions of electromagnetic quantities"). We should note the symmetry of electrical quantities and magnetic quantities. Because of that symmetry, made it possible to not assign a symbol to the unit of electrical potential.

In the Universal System of Units Standard, the use of supplementary constants is permitted as an exception to coherence, so either rad² or the supplementary constant Ω_2 may be used as the unit of solid angle (in computations, however, it is necessary to use either one or the other unit). The conversion value for International System of Units (SI) that uses rad² is shown above because it happens that the International System of Units (SI) is coherent with Ω_2 . For the conversion value for when Ω_2 is used, the derived units of charge, electrical current, flux density, and field strength may be used as they are. The so-called rationalized units are coherent with Ω_2 and the non-rationalized units are coherent with rad².