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Liste der häufig verwendeten Abkürzungen

A	skalierte innere Ring-Breite
AE	Arbeits-Elektrode
B	potentiostatischer Faktor
	oder phys. Breite des Streifens $[B] = m$
BF	Benjamin-Feir-(Kriterium)
C	Kuspe
(C_{DL}) , $\mathcal{C}$	(Doppelschicht-)Kapazität
D, D_L	Diffusionskonstante
D_g	globale Kopplungskonstante
DL	Doppelschicht
E_0	externes Potential
E_{eq}, Eq	Equistabilitätswert von E_0
F. A.	Fredholm-Approximation
F_{AE}	Fläche der AE $[F_{AE}] = m^2$
FP	Fixpunkt
GE	Gegen-Elektrode
GZ	Grenzzyklus
HB, hb	(homogene) Hopf-Bifurkation
$H_0(x, x')$	Potential-Kopplungsfunktion
$H_B(x, x')$	Gesamt-Kopplungsfunktion
$H_{gal}(x, x')$	galvanostatische Kopplungsfunktion
$H_{2D}(x, x', y, y')$	2d-Kopplungsfunktion
I_g	Gesamtstrom $[I_g] = m^2$
KF	Kopplungsfunktion
L	äußere Ring-Breite, Scheibenradius
	oder Streifenlänge $[L] = m$
$\mathcal{R}$	gesamter Widerstand der AE $[\mathcal{R}] = m^{-2}$
RE	Referenz-Elektrode
TP	Target Pattern
a	aktiv-stationäre Lösung
b	skalierte Breite des Streifens $b = B/L$
b_i	Parameter des kubischen Reaktionsstroms
$c(x, t)$	Konzentration an der Phasengrenze
$\tilde{c}_b$	Bulk-Konzentration
d	Dämpfungsdifferenz zwischen 0. und 1. Mode
$f_A = h^{-1}$	geometrischer Beitrag zu ϱ_{ele} beim Ring
f_b	Beitrag zu ϱ_{ele} beim Streifen (bei F. A.)

g_A	Dämpungskoeffizient der 1. Mode beim Ring
$h, h(x)$	lokale Funktion von Φ_z
$i_{cap}(x,t)$	kapazitive Stromdichte
i_{eq}	Equistabilitäts-Stromdichte, $i_{eq} = i_r(u_{wp})$
$i_r(x,t)$	Reaktionsstromdichte
$i_{mig}(x,t)$	Migrationsstromdichte
$i_m(t)$	mittlere Migrationsstromdichte, $i_m = <i_{mig}>$
m	gemischt-stationäre Lösung
p	passiv-stationäre Lösung
r	radiale Koordinate
sD	stationäre Domaine
sl	Sattel-Schlaufen-Bifurkation
sn	Sattel-Knoten-Bifurkation
sw	Stehende-Welle-Bifurkation
$u(x,t)$	Doppelschichtaufladung
u_i^0	Fixpunkte der Doppelschichtaufladung
w	phys. Abstand der GE $[w] = m$
x, y	Koordinaten entlang der AE
z	Koordinate senkrecht zur AE
$\tilde{x}, \tilde{y}, \tilde{z}$	nichtskalierte Koordinaten $x = \tilde{x}/L$
β	skalierter Abstand der RE
γ	skalierter Abstand der GE
$\tilde{\delta}$	Diffusionsschichtdicke $[\tilde{\delta}] = m$
ϵ	Zeitkonstante der zweiten Variable
θ	azimutale Koordinate (beim Ring $x = \theta/2\pi$)
κ	Kopplungsstärke $\kappa = \sigma/L$
λ, μ	Ableitungen von i_r
λ_{wp}	Ableitung von i_r am Wendepunkt u_{wp}
ϱ^{cusp}	Kuspenwert des Widerstandes
ϱ_{ele}	Elektrolyt-Widerstand
ϱ_g	externer Widerstand
ϱ_{tot}	(spezifischer) Gesamt-Widerstand
σ	Leitfähigkeit $[\sigma] = m$
$\Phi(x,z,t)$	Potential im Elektrolyten
$\Phi_0(x,t)$	Potential an der Phasengrenze $\Phi_0(x) = \Phi(x, z = 0)$
$\Phi_{DL} = u$	Doppelschichtaufladung
$\Phi_{RE}(t)$	Potential an der Referenz-Elektrode
$\Phi_m(t)$	Metall-Potential
$\Phi_z(x,t)$	Potential-Normalableitung an der Phasengrenze