

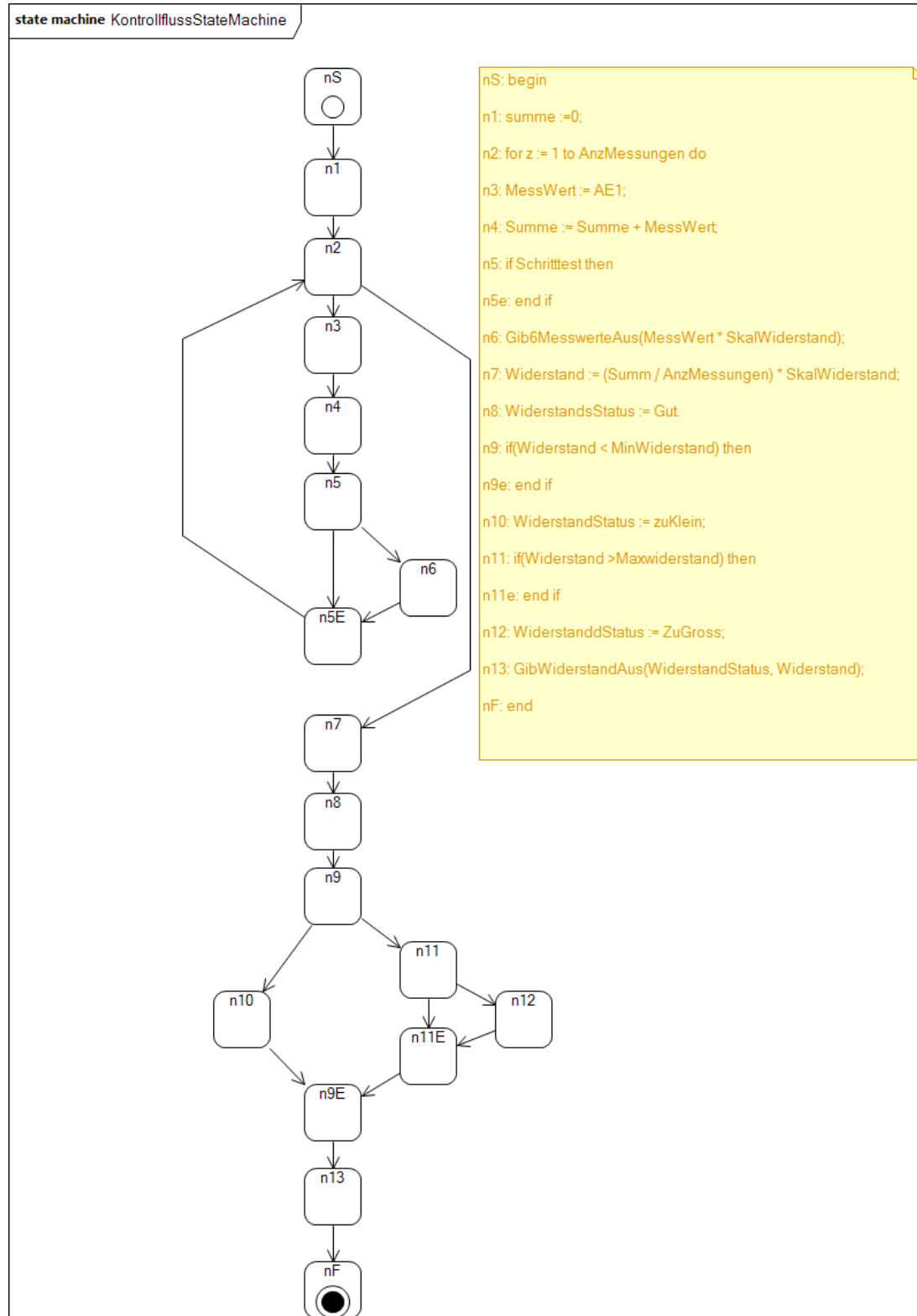
Software Qualität

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Wahlaufgabe Nr. 2

21. April 2013

1. Kontrollflussgraph



2. Anweisungsüberdeckungstest

Mindestanzahl der Testfälle für Überdeckung: 2

1. nS, n1, n2, n3, n4, n6, n5e, n2, n7, n8, n9, n10, n9e, n13, nF
2. nS, n1, n2, n3, n4, n6, n5e, n2, n7, n8, n9, n11, n12, n11e, n9e, n13, nF

3. Zweigüberdeckungstest

Mindestanzahl der Testfälle für Überdeckung: 3

1. nS, n1, n2, n3, n4, n5, n6, n5e, n2, n3, n4, n5, n5e, n2, n7, n8, n9, n10, n9e, n13, nF
2. nS, n1, n2, n7, n8, n9, n11, n12, n11e, n9e, n13, nF
3. nS, n1, n2, n7, n8, n9, n11, n11e, n9e, n13, nF

4. Pfadüberdeckungstest

Mindestanzahl der Testfälle für Überdeckung: 15

Kategorie	Nr.	Pfad
Ohne Schleifendurchgang	1	nS, n1, n2, n7, n8, n9, n10, n9e, n13, nF
	2	nS, n1, n2, n7, n8, n9, n11, n11e, n9e, n13, nF
	3	nS, n1, n2, n7, n8, n9, n11, n12, n11e, n9e, n13, nF
Boundary Test	4	nS, n1, n2, n3, n4, n5, n5e, n2, n7, n8, n9, n10, n9e, n13, nF
	5	nS, n1, n2, n3, n4, n5, n6, n5e, n2, n7, n8, n9, n10, n9e, n13, nF
	6	nS, n1, n2, n3, n4, n5, n5e, n2, n7, n8, n9, n11, n11e, n9e, n13, nF
	7	nS, n1, n2, n3, n4, n5, n5e, n2, n7, n8, n9, n11, n12, n11e, n9e, n13, nF
	8	nS, n1, n2, n3, n4, n5, n6, n5e, n2, n7, n8, n9, n11, n11e, n9e, n13, nF
	9	nS, n1, n2, n3, n4, n5, n6, n5e, n2, n7, n8, n9, n11, n12, n11e, n9e, n13, nF
Interior-Test	10	nS, n1, n2, n3, n4, n5, n5e, n2, [n3, n4, n5, n5e, n2 n3, n4, n5, n6, n5e, n2], n7, n8, n9, n11, n11e, n9e, n13, nF
	11	nS, n1, n2, n3, n4, n5, n6, n5e, n2, [n3, n4, n5, n5e, n2 n3, n4, n5, n6, n5e, n2], n7, n8, n9, n11, n11e, n9e, n13, nF
	12	nS, n1, n2, n3, n4, n5, n5e, n2, [n3, n4, n5, n5e, n2 n3, n4, n5, n6, n5e, n2], n8, n9, n10, n9e, n13, nF
	13	nS, n1, n2, n3, n4, n5, n6, n5e, n2, [n3, n4, n5, n5e, n2 n3, n4, n5, n6, n5e, n2], n8, n9, n10, n9e, n13, nF
	14	nS, n1, n2, n3, n4, n5, n5e, n2, [n3, n4, n5, n5e, n2 n3, n4, n5, n6, n5e, n2], n7, n8, n9, n11, n12, n11e, n9e, n13, nF
	15	nS, n1, n2, n3, n4, n5, n6, n5e, n2, [n3, n4, n5, n5e, n2 n3, n4, n5, n6, n5e, n2], n7, n8, n9, n11, n12, n11e, n9e, n13, nF