

									
	13685423639	QQ	1773506						
					579				
						1975	8	2005	11
								2005	11
—2013	12								
		2013	12			2015	8	—2020	4
			2020	5					
		"		" "		" "			"
1)	2019.3-2021.3			2018					
								1/11	
2)	2019.3-2021.3			2018					

- 3) 2017.01-2018.12 2017 X2018M 1 /8
- 4 2017.01-2018.12 2017 2 /11
- 5 2018.01-2019.12 2017
- SDYY17032 3 /7
- 6) 2016.05-2018.12 2016YF018 1
- /7
- 7) 2018.7.1-2018.12.31 \$1 \$
- /9
- 20113702001213 84.5 1 /7
- 10 2012.01-2014.12 1 No.51105234/E051204 2 /6
- 11 2014.01-2015.12 (51305242) 2 /5
- 12 2010.01-2012.12
- 13) 2010.09-2011.03 “XXX” 020106

			1	/5		
14)	2009.01-2010.05	“XXX			”	020106
			2	/5		
15)	2009.04-2009.12				(2008BAF36B01-1)	
			2	/5		
16)	2009.12-2011.12					
	Boltzmann	ZR2009AM024	3	/5		
17)	2009.05-2010.05					
		2009Y23	2	/6		
18)	2010.01-2011.12					
		10-3-4-2-3-JCH	3	/6		
19)	2008.03-2008.12				2271	1
				/5		
20)	2007.01-2008.12				06-2-2-19-JCH	
			3	/5		
1)					AGV	
	[J].	10	3	2020.3	SCD	
2)					STM32	
	[J].		10	3	2020.3	SCD
3)						
	[J].	10	2	2020.2	SCD	
4)					A*	AGV
	[J].	40	21	2019.11		

SCD

5) [J]. 38 10 2019.10 SCD

6) [J]. 38 9 2019.09
SCD

7) [J]. 40 17 2019.09 SCD

8) .AGV
[J]. 2019 4
1 /6

9) [J]. 2019 3 1 /5 SCD

10) [J]. 2019 3 3 /5 SCD

11) . EIQ-ABC
[J]. 2018 12 1 /5

12) Qianlei Cao, Cao Chongzhen , Fengqin Wang , Dan Liu, Hui Sun. Robust adaptive full order TSM control based on neural network[J]. Symmetry-basel, Vol.10(12) 2018.12 SCI WOS: 000454725100064 2 /5

13) Cao Chongzhen, Wang Fengqin, Cao Qianlei, Sun Hui, Xu Wei, Cui Mengrong. Neural network-based terminal sliding mode applied to

position/force adaptive control for constrained robotic manipulators[J].
 ADVANCES IN MECHANICAL ENGINEERING, 2018,Vol.10(6):1-8 SCI
 WOS: 000438251700001 (1 /6)

- 14) [J]. 2018.02 2 192-195 1 /4 SCD
- 15) [J].
.2017.11
- 16) Workbench [J].
.2017.09
- 17) [J]. 2017.05 45 9 149-152
- 18) [J].
.2017.03
- 19) [J]. 2016.10 10
36-38
- 20) [J].
2017.3,38 5 34-39
- 21) [J]. () 2016.2 1 91-96
- 22) [J].
2015.8 5 144-146 SCD
- 23) [J]. ,35(3) 2013 4 :136-138
- 24)

- [J]. 2012 2 151-153
- 25) Chongzhen Cao, Fengqin Wang, Qifa Tian, Jialan Zhuang, Fengchun Li, Equidirectional Umbrella Diameter Changing Mechanism for Ultrasonic Inspection of Seabed Pipelines[C]. Advanced Materials Research Vols.163-167, Part 4, 2011.01 (EI)
- 26) Chongzhen Cao, X. Gao, P. Ma.etc. A fine adjustment mechanism of the second crystal in a double-crystal monochromator with a 3-PS parallel manipulator[J]. Nuclear Instruments and methods in physics research A544(2005): 684-691. SCI IDS Number: 934OI EI Accession number 05229127336
- 27) CAO Chong-Zhen, GAO Xue-guan, MA Pei-Sun.etc. A magnetically adsorped fine adjustment mechanism of the second crystal in a double-crystal monochromator[J]. Nuclear science and techniques, Vol.16, No.2, 2005:85-89. SCI Accession Number: 8475824 EI Accession number 05239147524
- 28) .T
[J]. 2005 32 8 85-88 EI Accession Number: 05419406004
- 29) .3-3PS
[J]. 2006.40 2 220-223 EI
Accession number 06239925770
- 30) .
[J]. 2009 32 9 657-661
- 31) .
[J]. 2006 25 7 865-868
- 32) .

[J]. 2009 5 85-88

33) .90°

[J]. () 2009 28 3 45-48

34) .

[J]. 2009 30 8 64-66

35) .

[J]. 2009 10 88-90

36) .

[J]. 2009 31(10) 122-125

37) .

[J]. 2009 11 164-166

38) .

[J]. () 2010 29 1 58-61

39) . [J].
2001, Vol.15 No.3 P.43-46

40) . [J].
2005 28 9 649-653 EI ISSN: 0253-3219

41) . T
[J]. 2007 30 3 181-184 EI
ISSN:071610559042

42) . Windows
[J]. 2006 20 5 11-14

43) Yu, Huitao; Ma, Peisun; Cao, Chongzhen. A novel in-pipe worming robot based on SMA, IEEE International Conference on Mechatronics and Automation, ICMA 2005, IEEE International Conference on Mechatronics and Automation, ICMA 2005, 2005, p 923-927 EI Accession number

05469480223)

44) .
[J]. 2005 3 EI Accession number
05349312106

45) .
[J]. 2004 6 EI Accession number
04528745047

46) . SMA [J].
2005 19 3 8-11

47) . / [J].
2006 16 1 46-50 EI Accession number
06209882739

48) .
[J]. 2006 40 3 444-447 EI
Accession number 06249938058

49) . [J].
2004 2

50) .
[J]. 2003 2

1) . ZL
CN201910617920.0 2021.02.09

2)

	. AGV		ZL
	CN201911060154.9	2021.02.21	
3)			
	. AGV		ZL
	CN201911060908.0	2021.02.28	
4)			
			ZL
	CN201610070118.0	2017.07.28	
5)			
			ZL
	CN201610071407.2	2017.09.08	
6)			
			ZL
	CN201610071375.6	2017.09.08	
7)			
		ZL CN201610087395.2	2018.08.17
8)			
		ZL CN200410016237.5	2006.01.14
9)			ZL
	CN03129545.2	2006.02.22	
10)			
		ZL201010256221	2012.05.30
11)			
	ZLCN03116293.2	2006.03.22	

1)	2018	01	"				
			"		2	/12	
2)	2018	01	"				"
				3	/9		
3)	2017	12				1	/7
4)	2017	10					
5)	2016	08					
				1	/7		
6)	2016	08					
			4	/6			
7)	2018.01.26						—
	2017						
						4	/7
1)	2015	01	"				"
				JB2014-3-13-R05	5	/6	
2)	2015	3	"				"
				2014-2-32-R07	7	/8	
3)	2015	4	"				"
				5	/6		
4)	2005	01	"				"

6 /8

5) 2003 05 " "
3 /8

6) 2003 05 " "
5 /8

1) 2020 9 " "

2) 2019 9 " "

3) 2016 9 " "

4) 2015 9 " "

5) 2015 7 " "

6) 2013 9 " "

7) 2008 4 " "

8) 2007 9 " "

9) 2007 9 " "