



materials, gravity casting, special casting, new liquid forming technology under the external field and so on. Apart from teaching the traditional liquid forming method, the new liquid forming methods and basic principles appeared in recent years are also introduced, in order to give students a solid foundation for the subsequent courses, tracking the development of modern technology, and the future work in materials processing.



--	--	--	--	--

			1	
			2	
			3	
			3	
			4	



1

4

2

- (1)
- (2)

		1 0		2		
	1					
	2					

1

2

(

1

2

3

1

2

	<p style="text-align: center;">1</p> <p>2</p> <p>(1)</p> <p>(2)</p> <p>(3)</p> <p>(4)</p> <p>(1)</p> <p>(2)</p> <p>(1)</p> <p>(2)</p>	<p>1</p> <p>0</p>		<p>4</p>		
	<p>1</p> <p>2</p> <p>(1)</p> <p>(2)</p> <p>(3)</p> <p>(1)</p> <p>(2)</p> <p>(3)</p> <p>(1)</p>	<p>8</p>		<p>2</p>		

	100	70%	+	30	30%
1)		.	.		(2011.9)
2)		.	.		(2011.1)
3)		.	.		(2002)
4)		.			(2006)
5)		.	.		(2007.07)
6)		.		.	(2008.2)
7)		.		.	(1996)

了