

Correspondence between names in the paper *Verification of Redecoration for Infinite Triangular Matrices in Coq* and names in Coq scripts

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This document provides the list of correspondences between the definitions and lemmas given in the paper and the names used in the Coq scripts, along with the corresponding line.

		In the Paper		In the scripts	
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2.1	Definition 1	<i>Tri</i>	Tri	25	
	Definition 2	<i>top</i>	top	30	
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Definition 3	<i>cut</i>	cut	45		
2.2	Definition 4	<i>lift</i>	lift	74	
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2.3	Definition 6	\simeq	bisimilar	111	
		Notation for \simeq	$\sim\sim$	115	
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	Lemma 7	Extensionality of <i>lift</i>	lift_ext	316	
	Lemma 8	Extensionality of <i>redec</i>	redec_ext	326	
	Lemma 11	First comonad law for <i>Tri</i>	comonad1	87	
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		Third comonad law for <i>Tri</i>	comonad3	442	
	Lemma 12		comonad2_stronger	364	
	Definition 13	<i>es_cut</i>	es_cut	123	
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	Definition 14	<i>addes</i>	add_es	128	
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3.1	Definition 15	<i>Tri'</i>	TriS	646	
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		<i>fromStreamRep</i> solution of equation	fromStreamRep_is_orig	1004	
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	Stronger form in proof of Lemma 22	fSR_tSR_stronger	925		

In the Paper			In the scripts	
Section	Reference	Name	Name	Line
3.2	Definition 24	$redec'$	<code>redecS</code>	943
	Lemma 25		<code>redecS_redecS_indir</code>	1218
	Lemma 26		<code>redec_redec_indirS</code>	1334
3.3	Definition 27	$tails$	<code>tails</code>	1344
	Definition 28	$lift'$	<code>liftS</code>	1346
	Definition 29	$redec'_{alt}$	<code>redecS'</code>	1348
	Lemma 30	$redec'$ and $redec'_{alt}$ equivalent	<code>redecS_redecS'</code>	1350
	Definition 31	$redec'_{gen}$	<code>redecSgen</code>	1386
	Lemma 33		<code>redecS'_is_instance</code>	1388
	Lemma 34	First comonad law for \overline{Tri}'	<code>comonad1S'</code>	1471
	Second comonad law for \overline{Tri}'	<code>comonad2S'</code>	1503	
	Third comonad law for \overline{Tri}'	<code>comonad3S'</code>	1524	