

!

:!0!!!!5 += !/!C. &A!

59' &'%'%'66/&.31',%"/%"/0,12'3'.G.,1&,12'34'<3 (7,1' *'&.6'%'
31'%8.4/<'W'&93%'&.6'%'%' /.'8%8/66\$'2'3 ('&.,<'9/G'%'0,&9"
G/,1&,12%'4,66'%'1,%' *'59'%'&8*\$'31'&'%'%'66/&.31',%'G3G86/.'
,1'4,1' / .&%'2'3 ('&.,<'3'.<3 (G8&'."2./G9,<'%'3' /1/6\$F' "
&9'"+,%8/6'G/&&' .1%'34'&9'%'&.8<&8. '%C'&3'&'66/&.31' ('/1,12'3'."
&3.\$9', *'1',1,%' *'C'3'&3'<' /&'13+'6'&'%'%'66/&.31' *'%,21H' ""
"" "" \. /&.12' /'&'%'%'66/&.31',%"/%"/<9/66'12,12'G./<&,<'C'09,<9"
(/\$',1+36+'%'&9'%'8&,6,F/&.31'34' (/&9' (/&.,</6'G.,1<,G6'%'3'."
+,%8/6'G/&&' .1%'C' /1' *'&9'%'8'%.T%G'.'%31/6,&3\$'8<9' /%'&9'., "
' /%'&9'&,<'KG'.,'1<' /1' *' (3&,31/6',1%G.,/&.31'H'N%<9'." "
<' /&' *' (/1\$'4/ (38%'&'%'66/&.31'0!P'78&'9,%&'%'%'66/&.31' "
,%'13&' /%'\$'&3'6' /1'3'.G./<&,<'H' - /+, *'J/,6'\$'OXP'%'&8' *' "
N%<9'.T% /&.03.:C' /1' *' &9'1' 8'%' *' 2'3 ('&.,<' 2./ *'1&' "
<3 (7,1/&.31'%'&3' Q8,<:6\$' *' <3 (G3%' "' 2'3 ('&.,<' 4,28. '% "
,1&3'<381&6'%'2'3 ('&.,<'G,<&8. '%W'9' /'6'3' ('1&,31' *'%'3 ("' "
, (6/.,&.%' 7'&0'1'1' &9'";'1.3%' G8FF6' /1' *' N%<9'.% "
' /&.%,&,<'2./G9,<'%' /1' *'%, (G6,4, *'&9'2'3 ('&.,<'&.6'%'C'8<9' "
' /%'&. /126'%' /1' *' %Q8/.'%H' - /+, *' J/,6'\$T% 03.:',% /' "
, (G6,4,</&.31'34'<' /&.12' &'%'%'66/&.31'H' S3.' /K/ (G6' C'9' "
G.3G3%' *' /' %, (G6' " 0/\$' 34' *' /0,12' 7., *'%, 1%, *' &9' "
&'%'%'66/&.31' &.6' H! >,%' &'%'%'66/&.31' /' (G6'%' /.' (3%&6\$' "
'%\$ ('&.,<+',%8/6'G/&&' .1%'C' 78&'9' /%' *',44,<8&6\$'&3'%'8GG3.&' "
3&9'.'G/&&' .1% H) 4&'<.' /&.12'&9'%'9/G'%'34'&.6'%'C'9'%'822'%'&&' "
&9'6'%'&'%'G'&3', (/2,1' /' /' (3&.4'3.'%'8,&/76' /' (/2'&'&3'7' "
4,66' *',1&3'&9'%'&.6' H'59,%'%,%'&.66' /' <9/66'12,12'G./<&,<'43' "
G'3G6' "093'&9'6'<: /'%'&9'&,<'KG'.,'1<'H' "

\3 (G8&'.' /%' /%'336'9'%'7'1'0, *'6\$'8'%' *',1'2./G9,<' "
'%,21'78'<386'&' /%'%'&.66'&9'<' /&.31'3'.', (/2,1/&.31'34' "
1'0'&'%'%'66/&.31',% /1'3G'1'Q8'%'&.31'H' \3 (G8&'.' ,%'13&'7' "
'/76'1&3'G'.43. ('7'&&'.'&9/1'98 (/1%'1<' /&.,+,&\$'M&' (,29&' "
7' *',44,<8&6'&3'&'66'&9' ('/1,12'34', (/2'%'2'1' /&.%'7\$ "
<3 (G8&'.'0,&938&'&9'%'8G'.,+,%31'7\$'98 (/1'7',12'H'59' "
'%8G'.,+,%31' %8<9' /%' 7\$' (/18/6' <3..<&.31' /1' *' "
, (G.3+' ('1&%' /.'%'&.66'1' *' *'H'^1&9'<31&./.\$C'<3 (G8&'.'% "
</1' /%'%'&.98 (/1'&3'<3 (G6'&' /1' *'2,+ ' <'&./,1'G6/11,12' "
3G,1,31'H' J\$',1&'<.&.12'3'.%, (86/&.12'0,&9'<3 (G8&'.'%C' "
8%'%'</1'& /: '%&9'%'\$&&' (/' *' +,%' *' *' /0,12%'7' /%'31'&9'., "
4'6,12'H' E' "' *'13&'&9,%' /%'&9'%'\$&&' (/' *' +,%' *' *' /0,12' "
09,<9',%'% (,I/8&3 (/&.,</1' *'8'.'4'6,12'3.,'1&'H' "

:! :4>+!D&.E.\$+!F+>. /\$!.:!9&+!%?@B!4+\$\$+= '%? .@!

M1' 3' *'.' &3' . /6,F' &9' "' %\$&&' (/' *' +,%' *' *' /0,12' 34' "
&'%'%'66/&.31' 0' " G.3G3%' " % (,I/8&3 (/&.,<' ('&93%'&' &3' "
&.6,F'<3 (G8&'.'&'<913632\$'43.' *' /0,12'H'59' *' /0,12'34' "
&'%'%'66/&.31' 4.3 ("% :&<9' 0,66',1+36+' &9' <' /&.31' 34' "
&'%'%'66/&.31'&.6'%' /1' *'<3 (7,1/&.31'34'&.6'%'H'53'2'1' /&'&'&9' "
2'3 ('&.,<'% : '6'&31'34'&9'%'&.6' C'0' <' /1'%'& /&.4.3 (*' /0,12' "
&9' *'2' C'&9'1' *',+,%' *'&9' /.' /'7381' *' *'7\$'&9' "' *'2' C' /1' *'

&9'1' /' *' *'3'. ' +, '0' *' /0,12%'0,&9,1'&9' *',+,%' *'.'2,31'H' "
)1' *'4,1/66\$C',%'&3'. 'G.'%'1&'&9'%'&3.\$' /4&'<'<3 (7,1'&'&9'&.6'%' "
,1&3' /'&'%'%'66/&.31'H' "
"" "" 59'&.6'%'T' *'2' "0,66' *'&'&' (,1'&'&9'7381' /.\$'.'6/&.31'9,G' "
09'1'&'&9'&.6'%' /.'<3 (7,1' *',1&3' /'&'%'%'66/&.31'H'#,1<' "' ,&'% "
' .Q8.,' *'&3'7'6'%'%'3.'13'2/G'7'&0'1'1'&9' "' *'2'34'&9'&.6'%'C' "
0' "9+ ' *' *'&'&' (,1'&'&9' "' *'2' "U'8<9' /%'&3'43. (/'%'\$ ('&.\$' "
&.6'V'7\$', (/2,12'&9'&'%'%'66/&.31'3+'.,+,'0H'59,%'</1'7' /' "
2'3 ('&.,<'%'9/G' " 0,&9'7'1' *' *' *'2'%'3.,2,1/&'&'4.3 (/' "
'%Q8/.'H' \3 (G8&'.'<386*' /%'%'&.66'&9' *' /0,12'34'&.6' T% ' *'2' C' "
43.'K/ (G6'7\$'.'<321,F,12'&9'%'9/G'%'34',1&,6' *' /0,12' "
/1' *'G.3+,' *' /'%, (6/.'%'9/G'%'09,<9'9'%' (3.' "'6'2/1&'<8.+ 'H' "
"" "" 53'48.&9' ".43. ('&9' "' : '6'&31'34'&9'%'&.6' C'0'1'1' *'&3' "
' *',+,%' *'&9' "' *'2' I7381' *' *'.'2,31',1&3%' + ' /.'6'87'.'2,31'H' "
E' "' ,1&.3' *'8<' /' ('&93' *'09,<9',% *',44'.'1&'0,&9' - /+, *' "
J/,6'\$T% 0/\$' OXP' 53',1&'2./&'&' &9' " G.3G3%' *' *' % (,I "
'/8&3 (/&.,<' ('&93%'C'0' "4.,%'&6\$'&.3'&3'4,1' *'&9'<'1&'.'34'&9' "
&.6' C' /1' *'&9'1' *' /0'1'0'<8.+%'G' /%'%'12'&9.3829'&9'<'1&'." "
34' /<9'%' *' *'&3'43. (/'&0,%&' *'G/&&' .1H'59'18 (7'.'34' "
<8.+%'C' /1' *' &9' <8.+%' 0,&9' *',44'.'1&' /' *' /1' *' <386' *' "
G.3' *'8<' + /.'38%'%\$ (('&.,<+',%8/6'G/&&' .1%H' E' <' /1' /6'3' "
<' /&'81%'\$ (('&.,</6'+,%8/6'G/&&' .1%'7\$' /GG6\$,12',.. '286/.' "
<8.+%'C' /1' *'&9,%'<8.+%'<386' *'&9'."G' /%'%'12'&9.3829'&9' "
<'1&'.'3'<3%'%'12' /1' /7.&./.\$'G3,1&'0,&9,1'&9'&.6'%'3' /%'&3' "
<' /&' /1', (/2,1' *'%' : '6'&31'H' "

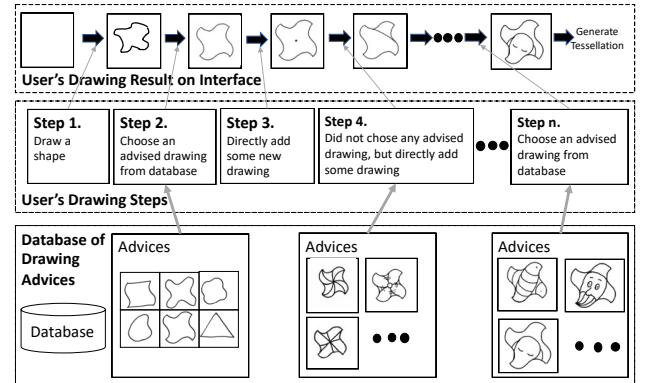


Fig. 1. Artful Thinking Process in Creating Tesselation

!!!!J /%' *'31'&9' "G.3G3%' *' ('&93' C'0' "G.3G3%'&'&9' /'&.486' "
&9,1.:12'G.3'<'%'%'U,1' S,2H' !'V'7\$'8&,6,F,12'&9'%'\$&&' ('&3' "
'/66'+/&'&'&9' *',44,<8&6\$'34' *' /0,12'&'%'%'66/&.31'H')&'4.,%'&C'&9' "
8%'.'</1'%'6'<&'&9'&'%'%'66/&.31'2./G9,<'%'9/G' "31'&9' "
,1&'4/<'C' /' *' *' /' 4'0' %&.3: '%&'&3' &9' "2./G9,<' /4&'." "
<314. (/&.31' C' /1' *' &9' "' %\$&&' ('0,66'2,+ ' %3 ("' *'%,21' "
'%822'%'&.31'U'3 ("'4,1,9' *'%'&6'\$'%'C' /1' *'&9'1' (3*4\$'&9' "
' *'%,21'34'2./G9,<'%'7' /%' *'31'&9'%'822'%'&' *'%' /G6' H'S,1/66\$C' "
&9'8%'.'</1' (3*4\$'&. 'G' /&' *'6\$H' M&' 0,66' /6'3'2,+ ' &9' "
<63'%'&.2./G9,<'%'822'%'&.31'7' /%' *'31'&9' /' *' *'%'&.3: '%C'&9' "
8%'.' /6'3'</1'<933%' /13&9'.'&\$G' "34'&'%'%'66/&.31' C'81&.6'

