Teaching Guide for Transformative Experience

Purpose

This is a guide to help instructors teach transformative experience.

It comes in two parts. Part I is on transformative experience and the challenge to rational choice. Part II is on transformative experience and authenticity.

The first part of the guide begins with a general section, which covers the basic concepts. It then continues with a section for graduate courses, which goes into more detail. It ends with a reading guide, split into resources for undergraduate and graduate readers.

The second part of the guide also begins with a general section and ends with a reading guide. But neither section is divided into undergraduate and graduate parts. The difficulty of the issues depends a great deal on students’ prior knowledge, so it is left to the instructor’s judgment to tailor the material to the ability of her class.

Part I. Transformative Experience and the Challenge to Rational Choice

What is a Transformative Experience?

It’s useful to distinguish between three different kinds of experience that are transformative.

1. An experience is **epistemically transformative** if the only way to know what it is like to have it is to have it yourself.

   *Examples.* Trying a fruit you’ve never tasted before; seeing a color for the first time.
2. An experience is **personally transformative** if it changes your point of view, including your core preferences.

   *Examples*. Taking a college course; reading powerful fiction.

3. An experience is **transformative** if it is both epistemically and personally transformative.

   *Examples*. Becoming a parent; fighting in a war; undergoing a religious conversion; going to college; embarking on a career; becoming bereaved.

### The Challenge to Rational Choice

You could choose to have a transformative experience *arbitrarily*. For instance, you could flip the coin and undergo the experience if and only if the coin lands heads. But it’s important to us to make choices *rationally*. Transformative experience poses a challenge for rational choice. The challenge has three main dimensions.

1. **Informed choice**. By definition, a transformative experience is *epistemically* transformative. So you cannot know what it will be like to have the experience before you have it yourself. This poses a problem for rational choice: we want our rational choices to be *informed*. This requires knowing about the options available to choose from. But it seems impossible to make an informed choice about a transformative experience—until you’ve experienced it, you can’t know what it’s like!

   *Example*. Suppose you’re choosing which of two fruits to try, and you’ve never tasted either before. Since you don’t know what either tastes like, how can you rationally choose between them?

2. **Conflicting preferences**. By definition, a transformative experience is *personally* transformative. So if you have undergone the experience, your preferences will change. But if rational choice requires choosing according to your preferences, you face the problem of *which* preferences should guide your choice: the before-transformative-experience preferences, or the after-transformative-experience ones?

   *Example*. Suppose that at the moment you like staying out late and leading a wild life. If you become a parent you’ll stop doing these things, but you’ll also come to prefer early nights and a more restrained existence. In choosing whether to become a parent, should you be guided by your pre- or post-parenthood preferences?
3. **Different selves.** By definition, a transformative experience is *personally* transformative. So there is some reason to think that you will have a **different self** if you undergo the experience. After all, your point of view and core preferences will be different. This poses a challenge for rational choice because it’s not clear that what happens after the transformative experience to some other self can be relevant to *your* current choice. But if what happens after the experience isn’t relevant to making the choice, what *is* relevant?

*Example.* Suppose you’ve been drafted into the military and are choosing whether to avoid the draft by leaving the country. It’s plausible that, once you’ve been drafted and experienced combat, you will have a different self. But then it seems that what happens to that future soldier, who is *not* identical with your current self, cannot matter to your choice of avoiding the draft. If that’s right, on what basis can you make the choice?

For Graduate Courses

The challenge posed by transformative experience to rational choice can be sharpened by deploying **standard decision theory**.

**Standard Decision Theory**

This is a theory about choosing in conditions of uncertainty. It models rational choice under uncertainty on *gambling on games of chance*. A good way into standard decision theory is by way of an example.

**Coin Toss**

Someone offers you a chance to play a game concerning the outcome of a coin toss. You pay $1 to play[^1] You call Heads or Tails. If the coin lands how you called it, you get your $1 back. If the coin lands the other way, you get nothing[^2]. Should you play the game? If so, how should you bet? We approach these questions in steps.

First, consider the three **possible acts** you can perform: betting Heads; betting Tails; not playing. Second, consider the **possible outcomes** of each act. For betting Heads they are:

---

[^1]: This example has the vice of being somewhat dull, but this is compensated by the virtue of being simple and clear.
[^2]: We assume that, if tossed, the coin must land exactly one of Heads or Tails.
the coin lands Heads; the coin lands Tails. The outcomes for betting Tails are similar. And there is only one outcome for not playing. Third, consider the net **payoff** of each outcome. If you bet Heads and the coin lands Heads, you win $1 but you had to pay $1 to play, so the net payoff is $0; if you bet Heads and the coin lands Tails, your payoff is −$1: you lose $1. The payoffs are reversed for betting Tails: $0 when the coin lands Tails, and −$1 when it lands Heads. Finally, if you don’t play you neither win nor lose anything. So your payoff is $0.

The next-to-last step is to work out the **expected value** of each outcome. Let \( o_1 \ldots o_n \) be the outcomes of a possible act, \( A \). And let \( u_i \) and \( p_i \) be respectively the payoff and probability conditional on \( A \) of \( o_i \). The expected value of \( A = \sum_{i=1}^{n} u_i \times p_i \). In words, the expected value of a possible act is the sum, for each possible outcome, of the product of the payoff that the outcome yields and the likelihood of its occurring given \( A \).

Let’s apply this to Coin Toss. Assume that the coin is fair. Then the expected value of betting Heads = \((0.5 \times $0) + (0.5 \times −$1)\). The expected value of betting Tails is also −$0.50 = (0.5 \times −$1) + (0.5 \times $0). Finally, if you don’t play the probability is 1 that you’ll have a payoff of $0. So the expected value = \((1 \times $0) = $0\).

The final step: choose the act with the highest expected value. In Coin Toss, this is not playing. So you should refrain from playing the game.

In Coin Toss, the ‘goodness’ of an outcome was measured by its monetary payoff. But to apply standard decision theory to rational choices that don’t involve money, we need a more generalized notion of goodness. We associate with each outcome a number that measures its **utility**. The utility of the outcome is the goodness of that outcome, whatever form that goodness takes: money, tastiness, self-worth, pleasure, and so on.

Putting all this together, we have the following **procedure for rational choice** given by standard decision theory.

1. List the **possible acts** you can perform.
2. For each such act, list the **possible outcomes** of that act.
3. For each such outcome, list both
   a. Its **utility**, and
   b. The probability that the outcome occurs conditional on the act being performed.
4. For each outcome, compute the product of the numbers obtained in 3a and 3b.
5. For each act, sum the products associated with the outcomes to obtain the act’s **expected value**.

6. Perform the act with the highest expected value. (If there is a tie, perform any of the acts that tie for the highest expected value.)

**Precisifying the Challenge Posed to Rational Choice**

We can use the machinery of standard decision theory to make the challenge posed by transformative experience to rational choice much more precise. Here are the sharper versions of the three challenges we considered before.

1. **What are the utilities?** Since the experience is epistemically transformative, the utilities associated with it partly depend on what it’s like to have that experience. But then they can only be known by having the experience. So when we’re trying to apply the procedure for rational choice, it’s unclear what utilities to associate with the outcomes that involve transformative experience.

   *Example.* The utility of trying a new fruit depends on what it’s like to taste the fruit, and so can be known only by actually trying it.

2. **Which are the utilities?** Even if we knew what it would be like to have the transformative experience before undergoing it, we may have two competing collections of utilities associated with the experience: those of your “before-self” and those of your “after-self”. These utilities may conflict. If so, which should you use to guide your choice when using standard decision theory?

   *Example.* Your pre-parenthood self may assign a much lower utility to quiet night at home than your post-parenthood self. Which utility should you use when calculating expected value?

3. **Which outcomes are relevant?** A transformative experience may change the self that you are. So the outcomes associated with the experience may not involve your current self. If they involve some other self, why are these outcomes relevant to the choice that you make now?

   *Example.* If you join the military you may end up becoming a very different self. But why are outcomes involving that other self relevant to your current choice?
Reading Guide for Part I

Undergraduate

Transformative Experience


Personal Identity


The Challenge to Rational Choice

- Chapter 2 of Paul. *Transformative Experience*.

Solutions to the Challenge to Rational Choice

- Chapter 4 of Paul. *Transformative Experience*. 
Graduate

Transformative Experience


The Self


Decision Theory


The Challenge to Rational Choice
• Afterword of Paul. *Transformative Experience*.


**Solutions to the Challenge to Rational Choice**


**Part II. Authenticity and Transformative Experience**

In *Transformative Experience* and follow-up work, L.A. Paul raises concerns about the possibility of authentic choice in the context of transformative decision making. She endorses authenticity as an ideal, argues that the ideal is threatened by transformative choices, and proposes her own solution to the puzzle that threatens the ideal.

One way of teaching this aspect of Paul’s work is by raising and discussing each of the following questions: *What is the ideal of authenticity? What threatens it? Can it be saved?*

As we’ll see, Paul has her own, distinctive account of authenticity. Her own account may or may not resonate with everyone. And those who have familiarity with historical authors on authenticity may be especially opinionated about it. Either way, it should be useful to say something about the history of the idea. Engaging with Paul on what authenticity amounts to and whether it is worth promoting can be especially engaging for students.
What is Authenticity?

Let’s start by distinguishing three related ideas.³

1. **Autonomy**. This is *self-governance*: the use of one’s own mental faculties generally, and reasoning especially, to guide oneself in matters of thought and action.

2. **Authenticity**. This is self-governance with special emphasis on the discernment, cultivation, and expression of one’s deepest and most important passions, motivations, values, and so on.

3. **Paul-Authenticity**. This is authentic self-governance informed by knowledge under subjective modes of presentation, that is knowledge via experiential or imaginative acquaintance with the objects of deliberation.

These notions are useful to keep separate for both historical and theoretical reasons. With respect to the latter, one can reject authenticity as an ideal without rejecting commitment to self-governance more generally. Or one might reject the demands of Paul-authenticity in some cases without rejecting another version of authenticity in the same cases (e.g., perhaps one thinks Heidegger-authenticity or Sartre-authenticity or Varga-authenticity, etc., is better).

Moreover, authenticity is closely related to the concept of autonomy, which is most familiar from the writings of Kant. But whereas Kantian autonomy tends to emphasize reason and principles that could be affirmed by any rational agent properly exercising her cognitive capacities, the ideal of authenticity places emphasis on which principles an agent can affirm as her own, and thus on what makes someone truly individual.

Historically, authenticity has often been associated with the work of existentialist authors. While Paul acknowledges some degree of fellowship with their outlooks, she also signals an intentional departure in her account.⁴ The distinctive element of her account consists in Paul-authenticity’s requiring special, first-personal familiarity with the outcomes of a decision about which one is deliberating. This knowledge of the outcomes under the “subjective mode of presentation” enables Paul-authentic decision making.

It’s also worth noting that Paul’s account of authenticity links it closely to imagination.

³ These definitions are not intended to be fully precise and are meant to be compatible with the wide array of theories fleshing out the first two notions. On autonomy see Christman (2005); on authenticity see Varga and Guignon (2016); for Paul’s views see especially Paul (2015a, 483–484, 493), but also Paul (2014, 105–131) and Paul (2015c, 769–799).

⁴ For distinctiveness, see Paul (2015a, 484–484) and Paul (2015c, 798). For general agreement with the existentialist outlook, see Paul (2104, 130). For a recognition of both continuity and departure see Paul (2015a, 493).
Imagining what it is like to undergo some experience is the primary epistemic route to the kind of knowledge needed to Paul-authentic choices: knowledge of the relevant outcomes under the subjective mode of presentation.

What Threatens Authenticity?

Transformative Experience

1. **Epistemic Alienation.** The epistemically transformative nature of a transformative experience interposes a barrier between the deliberator and knowledge under the subjective mode of presentation of the possible outcomes of the decision. Paul-authenticity requires such knowledge, and so it seems impossible to make decisions about transformative experiences in a Paul-authentic way.

2. **Metaphysical Alienation.** Any account of authenticity seems to require that the deliberator’s self is preserved through the decision. But the personally transformative nature of transformative experiences means precisely that the deliberator’s self will change if she undergoes the experience. Paul herself uses what we might call a “Replacement Model” of transformative experience, according to which new, distinct selves emerge as a result of transformative experiences.

Competing Ideals

3. **Rationality vs. Authenticity.** It’s not clear what we should do our deepest desires (authenticity) conflict with the best available evidence (rationality) for what to expect from potential choices, when that evidence is of a third-personal nature.

Let’s unpack these threats to authenticity more carefully. *The first threat* is the most straightforward. It threatens Paul-authenticity and can be motivated by any number of thought experiments. For instance, you can plausibly Paul-authentically choose to move to another city in your own country, especially a city where you’ve spent some time before. But it’s seemingly impossible to imagine the possible outcome of moving to another country with a very different language and culture from your own, say, San Francisco vs. Ulaanbaatar. This blocks access to knowledge of the outcome under the subject mode of presentation, and so precludes a Paul-authentic choice.

*The second threat* can be a little harder to motivate. Paul’s own account is helpful here (see
especially Paul 2015c). Another helpful move is to make explicit Paul’s distinction between personal identity and self-identity, which has previously been made by David Velleman (1996) and Parfit (1986). Though the distinction is contested, it is helpful to grant it for the sake of interpreting Paul and the challenges posed by transformative experience to authentic choice.

An alternative motivation for the second challenge is to invite students to reflect on common reports of life-changing events. These reports often talk of becoming another person, or in Paul’s framework, another self. If we take such reports straightforwardly and seriously, then any choice that might result in such a retrospective report threatens to bring the deliberator’s current self to an end. The problem is that authenticity, which promotes cultivation and expression of one’s self, should almost always recommend against something that would bring one’s self to an end.\footnote{Though not always. Just as it can sometimes be rational in extreme situations to choose death, so might it sometimes be authentic to choose self-annihilation.}

*The third threat* arises due to a clash of two distinct kinds ideals of decision making. *Outcome ideals* focus solely on the consequences of decisions; *process ideals* concern ways of making decisions. Standard decision theory seems to be an outcome-oriented decision theory. What matters is maximizing expected value, which arises only when one assigns the correct quantities to the values and probabilities associated with the possible outcomes of the acts under consideration. So process matters, if at all, only insofar as one should employ the most reliable processes for getting right the relevant values and probabilities. But what happens when the most, or the *only*, reliable methods are third-personal, that is gained through testimony or scientific research? Should a person ever defer to such methods when they conflict with her own first-personal knowledge of her desires and motivations?

**Can Authenticity be Saved?**

**From Epistemic Alienation**

Although you can’t know what it’s like to taste durian ahead of time, its flavor shares features with other foods that you *are* knowledgeable about under the subjective mode of presentation. For instance, it is juicy, fruity, and sweet. So perhaps if we cast our imaginative gaze broadly enough, we may be able to get enough of a sense of what durian tastes like to be about to Paul-authentically decide whether to try it or not. This widened perspective may generalize
to other kinds of transformative experience.\textsuperscript{6}

Paul’s (2014) own “discovery solution” appeals to more general aspects of experience to may be drawn on when making transformative choices. She proposes that we attend to the discovery aspects of previous transformative experiences in order to judge what it might be like to undergo a new one. In particular, new kinds of phenomenal qualities are revealed to us whenever we undergo transformative experience, and Paul argues that we are in a position to Paul-authentically judge how much we value such discovery.

From Metaphysical Alienation

Paul intends the discovery solution to apply here as well. One extends the value of discovering new phenomenal qualities to discovering completely new preference-structures or ways of being.

From Competing Ideals

Paul also intends the discovery solution to resolve the conflict between authenticity and rationality. Since the value of discovery can be both rationally and authentically assigned, there is no need to rely only on third-personal data when making a transformative choice.

Problems with the Discovery Solution

Here are some problems that have been raised for the discovery solution. Students will often come up with some or all of them, or even others entirely, so it’s a good idea to let them do so.

Continuing Competition. There’s no guarantee that the recommendations of discovery will align with third-personal data on the effects of a transformative choice. So the question of how to adjudicate conflicts between first-personally represented values (no matter how rational and authentic) and the predictions of third-personal data may remain unanswered.

Disinterest in Discovery. What about agents for whom the value of discovery (whether for or against) is peripheral—it’s just something they don’t care about? It seems odd to

\textsuperscript{6}Paul (2014) notes that current work on hierarchical Bayesian modeling may illuminate whether and how people generalize from their experiences in ways that allow for Paul-authentic decisions.
require them to accept that they are missing out on the only, or at least one of the most important, dimensions along which to deliberate about transformative choice.

Gravity. Undergoing a transformative experience will typically have many effects, both for oneself and for others. The discovery solution seems to ignore the weight of these effects. Moreover, the ideal of authenticity has been criticized for being overly individualistic (Vargas and Guignon 2016). Focusing exclusively on personal discovery at the expense of the many, profound interpersonal consequences of transformative experience is perhaps an instance of this broader problem. If right, this motivates exploration of alternative theories of authenticity that seek to make it more interpersonal (Taylor 1991; Vargas and Guignon 2016).

Guidance. The value of discovery per se cannot recommend any transformative experience over another. Perhaps it might if you had reason to believe that one transformative experience offered more discovery than another. But where would such information come from? If from third-personal sources, then the discovery solution is not a purely Paul-authentic solution. And is it really plausible that someone strongly valuing discovery ought always to prefer the transformative experience that offers the most discovery, no matter its other effects?

Indeterminacy and Self-Determination. Are the effects of transformative experience immediately and fully determinate? Consider learning to like new things, or becoming more discriminating in one’s perceptual capacities (e.g., wine tasting, reading X-rays, etc.). Moreover, we’re more active in determining the effects of transformative experience than the discovery solution (or the problems it addresses) acknowledges. Whereas Paul-authenticity seems to deny this by demanding determinacy in the effects of novel experiences, other theories of authenticity might accommodate indeterminacy and understand authentic approaches to transformative experience in a more active, self-creating way.

Replacement Revenge. If transformation really involves replacement of the self, and if that blocks the possibility of authenticity, how could an appeal to any value help (except maybe valuing replacement itself)? But discovery is a value of the pre-transformation self. Note also that if the replacement model is correct, the self that values discovery undergoes at most one experience from which they can glean the value of transformation discovery. Is that enough of a base to project to future transformative experiences?

Alternative Approaches

The discovery solution can help motivate alternative ways of looking at the entire framework surrounding transformative experience, enabling consideration of the phenomenon from new
angles. Here are a few suggestions.

Accepting Autonomy. Reliance on third-personal data is unavoidable and indispensable in life. But autonomy can be secured by reflective determination about which sources of data an agent relies on—which external authorities are most reliable, and so on. So perhaps autonomy is all that can or should be valued in decision making. In other words, perhaps attention to transformative experience demonstrates that Paul-authenticity is an unattainable ideal.

Authenticity without Subjective Knowledge. Perhaps there are ways of being authentic when Paul-authenticity is precluded. Pursuing this alternative involves engaging with other theories of authenticity.

Developmental Model. Perhaps transformation can, at least sometimes, be developmental. That is, rather than being replaced, the transforming self develops in a fundamental way. If this is possible, then the problem of metaphysical alienation is avoided. Nonetheless, a theory of what such development is would be required.

Neglected Routes. Perhaps thinking that judging the value of X must proceed either via first-personal experience with X or via third-personal data concerning X is a false dichotomy. For instance, one doesn’t need to be able to perform an activity to recognize expertise in it or to recognize the value in achieving excellence in the activity. What Michael Jordan did was valuable, and I can recognize its value, even though I don’t what it is like (under the subjective mode of presentation) to play basketball—or do anything else—at that level of excellence.

So, grant that Paul is right that one cannot generalize from experiences of X to experiences of Y, when Y reveals novel phenomenal qualities. But it doesn’t immediately follow that it is never possible to generalize from the experience of X to the value of Y. For instance, the experience of becoming an expert in something can lead me to value expertise generally. Such generalization might go even further: perhaps the experience of being a child in a healthy, loving, flourishing family can justify the judgment that being a parent in a healthy, loving, flourishing family is very valuable and admirable.

Virtues of Uncertainty. Surely it is a virtue to be able to identify and accept unavoidable uncertainty. But striving for Paul-authenticity might lead to demands for illusory certainty and so lead to self-deception, and thereby inauthenticity. Consider that almost everyone has had the experience of first-personally presented desires misleading them, or of pursuits that don’t turn out to be as fulfilling than expected. So we should be able to recognize from our own experience that Paul-authentic mental status can mislead and so must fall in line
alongside all other sources of fallible evidence. We may not like it that external sources can sometimes be more accurate about our probable futures states than we are. But perhaps that’s just something we have to learn to live with.

**Reading Guide for Part II**

**Authenticity**


**Autonomy**


**Existentialism**


Imagination


The Self

• See Reading Guide for Part I